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modern MACHINE KNITTING

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Dear Readers

Start your summer knitting early with the first of the seasonal cotton knits, Anne Chapman's summer top, with an arrow Fair Isle pattern and beautifully elegant collar, ideal with a long skirt for summer garden parties.

Planning the children's summer wardrobe is always tricky, especially as they get that little bit older! Persuading them to cover up while there is still a chill in the air is far easier when they have something they like to wear. There's plenty for the younger generation in this issue, from the very young appeal of Thomas the Tank Engine to the lovely trendy designs by Betty Barden, for the young teenager (many of us who are not so young will also be taking a fancy to them as well – especially as they come in bigger sizes!).

If you knitted the first of the superb Silver Reed electronic designs last month, knit the second now – and you don't even need to mark out another mylar sheet. Just set the width dial and point cams and away you go! This really is a lovely mix and match set, but I think I might make a plain skirt as well as the patterned one featured last month or the skirt will be worn out before the sweaters are.

I started my summer knitting early as you can see, with the first of my Finishing Touch garments. I really enjoyed knitting it, even though it was a very chilly November at the time.

To help you along with your summer wardrobe, we have super prizes of Denys Brunton Designer Yarns to give away in this month's competition, so do take the time to sit down with your feet up to solve the puzzle.

New knitters who are still hesitant about making their first Fair Isle garment can take heart! Hazel gives you enough information to get you started and then you can work your way through all our lovely designs – look for a one- or two-star rating at first, until you have knitted a few at least.

I leave you now to get on with your knitting.

Angela

Knitline

BRAMWELL 2000

This latest addition to the Bramwell range knits with a spectacular rainbow effect in two or three colours.

There are two new shades in this lovely phaser dyed yarn, shade 5 – a mixture of lilac/purple and mauve and shade 6 – a gentle combination of beiges and browns.

For a selection of patterns using this yarn look out for **Bramwell 2000 Design Book One** and **Book Two**, which contains patterns for all six colourways, at your nearest stockist.



FLOWERS IN CROSS STITCH

Cross stitch is an increasingly popular hobby and one which can be used to create some useful decorative items for the home and embellished garments to wear. Simple knitwear can be decorated with a small cross stitch motif or by adding a border pattern to the bands.

This new book, **Flowers in Cross Stitch**, by **Jana Hauschild Lindberg** contains more than 80 different floral charted designs from simple single flowers to complete bouquets which would cover a sweater front.

Published by Cassell, ISBN 0-



304-34359-5, this book comes in full colour in paperback and costs £10.99 from your book shop.

JONES TONES

If you are looking for some ideas to use the **Jones Tones fabric paints and transfers**, take a look at the **Creative Classics** pattern book from **Bramwell**.

Patterns feature summer tops, sweaters, jackets and dresses in Hobby, Silky, Rania, Artistic or Celebration. A large size range, from 8 to 24, is catered for.

The pattern book costs £3.95 and is available from your local Bramwell yarn stockists.



GUERNSEY 5 PLY

A new addition to the King Cole Coned Yarns catalogue is Guernsey five-ply on 500 gram cones in two shades of Navy and Aran. This is 100% pure British wool and requires hand washing.

Look out for this yarn at your King Cole stockist.

FINISHING COURSES WITH NINA MIKLIN

Following the very successful courses held in London recently, **Nina Miklin** will again be conducting them at 707 Tally Ho Corner, North Finchley, London N12 2BT.

Learn all about necklines on the 20th April and about finishing ribber work on the 21st April.

Each day costs £19.50 and you can book your place by writing to Nina at 104 Biddulph Mansions, Elgin Avenue, London W9 1HU or telephone 071-286 1532.

ARTIKA GARMENTS

Popular designs at this season's knitting exhibitions are now being offered by mail order.

Star Jacket (£3.95), **Snowstorm Tunic** (£3.50) and **Patchwork Tunic** (£2.95) all require a single bed machine to be knitted in single bed Fair Isle throughout with no ribs. **Tapestry Jacket** (£3.50) is knitted in Fair Isle and requires a ribber for the bands.

Yarn packs by Paintbox Yarns are available for each of these garments in four-ply Pure New Wool, allowing you to purchase only the amount required for the garment, avoiding waste.

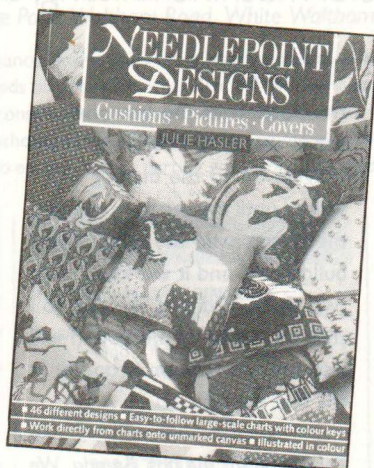
MMK readers quoting this editorial can purchase the complete set of four patterns for just £12.50 (or individual patterns at the prices above) until the end of May. Please order from **Artika Designs**, 41 Dundonald Road, London NW10 3HP.

Keep up to date with what's new in knitting and crafts
from around the country.

NEEDLEPOINT DESIGNS

Also available in paperback from Cassell is **Needlepoint Designs** by Julie Hasler. This book contains many really out-of-the-ordinary designs for pictures, cushions and covers with designs including floral, striking modern geometrics, Greek, Egyptian and Persian themes. There are 46 different projects, nearly half illustrated in full colour, to keep the needlepoint enthusiast happy for many months.

Again many of the designs could be used as source for knitting designs to be worked by the intarsia method.



You should find **Needlepoint Designs** at your local bookshop for £9.99, ISBN 0-304-34271-8.

QUILTS UK 1994

Quilters from all over the UK and overseas visit the Quilts UK exhibition every year.

The theme for this year's exhibition is Stars, which promises to provide a feast of imagination and ingenuity.

A highlight of this show will be the Woman's Hour Quilt which was made to commemorate the seventy-fifth anniversary of the Suffragette Movement. Listeners to Radio 4 Woman's Hour were invited to submit ten-inch squares representing the theme and a final eighty blocks were chosen and assembled.

The dates for this year's exhibition are 12th to 15th May and it will be held at Severn Hall, Three Counties Showground, Malvern,



Worcestershire.

Besides the quilts there will be demonstrations of various crafts and stallholders selling a vast range of fabrics, books and quilting accessories.

For more details please telephone 0684 893952.

THE KNITTING STITCH MANUAL

With the trend for natural yarns and complex textured knits this book, which is full of inspirational mono-coloured stitch patterns, should be popular.

The charted designs are intended for hand knitting, providing a useful reference book for lace, ribber and garter stitch patterns.

The charts make the stitch patterns easy to follow without having to read lengthy instructions and many could be readily translated for the knitting machine.

Another Cassell publication in paperback, **The Knitting Stitch Manual**, ISBN 0-304-34418-4, costs £9.99.

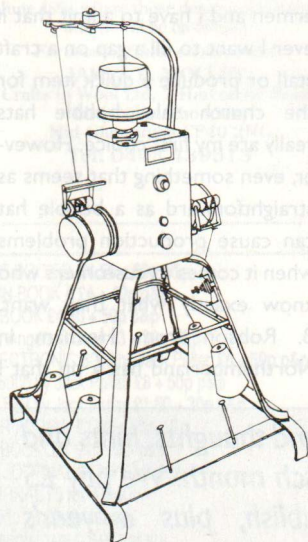
HANK

Have you heard of Hank? We think that he sounds a very useful idea! Hank twists, doubles and winds single yarn ends into an infinite variety of knitting yarns. You can create your own designer knitting yarns with up to eight ends.

Yarns twisted with Hank will never produce stripes in the knitting and he can twist a kilo of yarn every hour for the cost of running a light bulb.

This new machine will be of most interest to knitters involved in retailing of industrial yarn and large knitting clubs. He can be rented for £12 per week or can be purchased or franchised.

For full details please write to



Hank, The Gables, Framingham Pigot, Norfolk NR14 7QJ or telephone 0508 492453.

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Letters, hints & tips

Every month our laden postbag proves to us just how generous you all are when it comes to sharing the secrets of successful machine knitting, this month is no exception ... here goes.

FINE YARNS

Mrs D. Lovatt from Hockley, Essex writes:

'I would like to add a postscript to the reply given in Helpline in August 1993, to the reader who is having trouble with fine yarns. I have found that by far the best thing to use for winding off the yarn from a cone is the so called 'cone' winder, which gives a much more stable and satisfactory ball than the original wool winder which was intended for winding from balls of hand knitting yarn. A much larger amount of the fine yarn can be wound into a firm ball on to a central 'hat' which can then be easily taken off to hold the yarn and stand on the floor behind the machine. Further hats can be purchased quite cheaply but failing this, toilet roll middles can be slipped over the end of the hat and the ball carefully eased on to it. Some toilet roll middles will fit exactly over the end (the 'puppy dog' ones) whereas others are too big (usually the cheaper brands). I then stand these on drain plungers which again are cheap to buy and no woodwork is involved. I have also found that the industrial yarn brake you can buy, which fits on the tension mast and controls the flow of the yarns, is excellent and cuts out looping and tangling.'

Thank you Dee for those practical suggestions. How many readers remember winding the yarn from balls of hand knitting yarn and letting it run over a candle to smooth down the hairs? I was once given a huge block of candle wax with a hole in the middle so that the yarn could flow from the floor through the hole and up into the yarn brake. The person who gave it to me made them for the members of his knit-

ting club. It did occur to me to wonder where he got his supplies of candle wax from but it was weeks later before I found out. He was a verger at the local church and one of his jobs was to trim all the candles after each service. I looked at my block of wax in a new light from then on!

CARDIGAN BANDS

I am sure that we have all had problems with button bands at one time or another, either knitting too many buttonholes or not enough ... Brenda Howe from Upminster wrote to us about her experiences.

'I hope that this tip may help other readers. I sometimes have a problem with ribbed cardigan bands, more often than not it can be a bit hit and miss as to whether I have the right number of buttonholes. If I find I am one short, I have managed to get round this by not having a top button but sewing on a tiny embroidered flower on each band, (I never do the top button up anyway). On some cardigans I seem to have stretched the bands too much when sewing up which of course prevents them from hanging or feeling right. I tried to think of ways of overcoming this problem (without unpicking and re-knitting the bands, a job I hate doing) so I experimented with one of my cardigans by washing and spinning it, then hanging it on to a padded hanger, I then attached a large bulldog clip to

the bottom of the buttoned up bands and hung two large ribber weights on to the bulldog clip. I waited until the cardigan was dry, then I removed the weights and bulldog clip and it worked. I have two more cardigans like that so I shall try the same method. (I will also try to do them properly in the first place!)

Thank you for the tips, Brenda. We have had one or two questions about button bands and buttonhole bands recently, so it seems to be a recurring problem.

A NOTE FROM THE EDITOR'S DESK

Two large ribber weights are extremely heavy, so we do suggest that great care be taken, should you decide to re-stretch your bands in this way. The method could prove disastrous if used on delicate yarns.

BOBBLE HATS

Winter time is always a busy time for bobble hat production, for everyone from Brownies to Fishermen and I have to admit that if ever I want to fill a gap on a craft stall or produce a quick item for the church sale, bobble hats really are my first choice. However, even something that seems as straightforward as a bobble hat can cause production problems when it comes to customers who know exactly what they want. B. Robson from Hexham in Northumberland has a tip that I

for one will be taking on board (or on hat!)

'Having knitted numerous hats for sales and bazaars, I find that so many people, especially ladies, say they prefer them without the bobble. So, now I either leave the bobble off and put one in the hat to be stitched on, or stitch one on with a different colour of yarn so that it will be easily removed if it is not wanted. Cutting the stitches is always a danger when trying to remove an unwanted bobble! This may not be much of a tip but in my experience it does help to sell the hats.'

Well, some of us were chatting about this tip and we think that it is a great idea. We can all remember trying to remove an unwanted bobble and that sickening feeling when you see the hole at the top of the hat suddenly getting bigger! Another thought - perhaps on a stall you could have a range of hats and then a basket full of pompons, so that customers could choose their own colour and size of pompon ... just a thought ... it would cost them extra of course!

PRESSING PROBLEMS

One of our readers wrote to tell us how she presses her acrylics. Mrs Waters from Hull says, 'I was never satisfied with the finish on my acrylic garments until a friend suggested that I use paper for pressing them. This is what I do. I block the pieces out carefully (incidentally, I use the blocking cloth from Peggy La Riviere, it's smashing) and then I cover the piece with greaseproof paper and then a piece of brown paper on top of that. Then I press as normal with a warm iron and I get really good results.'

You can share your ideas and thoughts, hints and tips with fellow readers each month. We pay £5 for every letter we publish, plus a year's subscription to Modern Machine Knitting for our 'Letter of the Month'.

Thank you, Mrs Waters. I have heard of this technique and we gave it a try on a swatch and you are right, it certainly does the job. Another successful way of dealing with acrylics is simply to put a slightly damp cloth on top and then something heavy such as a book and this also works. Of course you need to avoid the ribs. For a neckband in acrylic, simply pull it into a circle by threading your nylon cord or something similar through it and then put a heavy book on top and leave for a while and it will settle into a nice, round shape. Any other suggestions for acrylic pressing will be gratefully received.

HEMS FOR SKIRTS

Hems on skirts can be a problem, especially in synthetic yarns. Try this, you will need your ribbing attachment. Cast on in 1x1 rib and knit just four rows at what would be the usual rib tension for that yarn. Transfer all the stitches to the main bed and finish the garment piece as per the pattern instructions. When the garment is finished, press the rib flat; take care to stay on the rib to avoid distorting the edge of the stocking stitch. Turn up the rib and catch down lightly into place (leaving no rib knitting showing on the right side of the garment piece). This makes a neat, invisible hem and does not flare out.

V NECK BANDS

Try this sometime for a neat V neckband. This tip came about because we were almost out of yarn (why do we do it?) Join one shoulder seam so that you have the complete V neck edge to offer up to the machine. With the wrong side of the knitting facing you, pick up right round the whole of the neck edge on to the machine. At two or three tensions tighter than the main tension, knit just six to eight rows. Pick up the neck edge again on to

alternate needles to make a tiny hem. Bring all needles out to the holding position, knit one row at tension 10 and cast off with the latch tool. This makes a neat little edge, with the centre sitting well and needing nothing extra doing to it. It looks good in a contrast colour too, if you really do run right out of yarn (shame on you).

RE-HANGING THE RIBBER COMB

This is a useful way to re-hang your ribber comb when it reaches the floor and the knitting is not finished. This method will not snag the knitting and is quite simple. Remove the weights and comb; use a ruler or something similar to hold the butts of the ribber needles down in the knitting position whilst you carefully push the main bed needles forwards for about half an inch (don't allow any stitches to fall behind the latches). Now place the teeth of the comb between the needles of the back bed. DON'T put them through the knitting, just between the needles. Thread in the wire and before you lower the comb push each back bed needle back into the working position. Now you can re-hang the weights and continue knitting. Make sure that you hang the comb centrally so that it does not tip.

ANOTHER METHOD

An alternative approach, that does not require removing the comb, is as follows. Remove the weights and then carefully wind the comb away from you so that the knitting wraps round the comb and then hook the weights over the knitting and the comb, one at each end. The hooks will trap the knitting on to the comb, preventing it from unwinding, while you can continue knitting. However, take care when you unravel the knitting from the

comb that you don't snag it on the end of the ribber wire.

STILL ON RIBBER COMBS

It is very useful to mark the centre tooth of your ribber combs so that when you insert them you can make sure that they are central. Ribber combs that are not in the centre of the work can soon cause annoying problems, especially on large pieces of work. If you also mark the centre of your machine with Tippex, or a small blob of nail varnish, you will find this useful too when you have to work from the centre of the machine. On a similar train of thought, it is useful to have pieces of stiff card or even light plastic cut to the size of various needle numbers, for example, ten needles wide and so on. These are then useful when you are doing partial knitting and have to select a number of needles at regular intervals to hold. The alternative to this is to mark the needle bed but just use felt tip so that you can easily erase it when you have finished.

A LACY RAGLAN

Raglan sleeve shapings will always be popular and there are many variations that add interest to them, especially on a plain garment. Here is one of them. Make a simple decrease by transferring the seventh stitch on to the eighth needle and moving all the stitches in. Put the empty needle away. Make an eyelet hole by transferring the fourth stitch to the fifth stitch but leave the empty needle in the working position. Repeat the eyelet every two rows and the decrease as required.

RANDOM YARNS

Random yarns are popular and

there are some lovely shades to be had. Using them for Fair Isle will not cause any problems, providing that you make sure before you start that there are no colours in the random cone that are too close to the colour of your main yarn. Odd bits of white are the worst offenders. If you do make this mistake you will find that your pattern loses itself here and there and the whole effect is spoilt . . . so do check. When random yarns are being used as the main body of the garment you do need to take extra care. What looks fine on a small tension swatch might look awful on a larger piece so check as you go along. I have seen a sweater with two large 'blobs' in very unfortunate places and the sleeves were virtually striped, so beware. There are several ways of avoiding this problem. Splitting the cone is one way. Wind the cone into smaller balls and then change them frequently, or you can knit from two cones and change cones every few rows (a colour changer helps). If the yarn is an industrial yarn, then you can achieve an excellent random effect by running several strands together, either by winding them into balls or by running two or three cones together. There are yarn twistors on the market these days and they do an excellent job of twisting these yarns but you need to decide whether or not you do sufficient knitting to warrant the expense.

DROPPED STITCHES IN LACE

Sometimes our lace work is more lacy than we mean it to be. If the stitches are not transferring correctly or they are dropping, check your sinker pins. If one or more of these is out of alignment it will be sufficient to cause you problems and drop stitches on the transfer. Carefully straighten them and try again.

Bambino bright

Here are two cardigans that toddlers will love. Quickly and easily knitted in DK yarn, they're perfect for using up oddments of yarn if you'd prefer your own colour combination.

VERSION 1

BACK

With carriage at right and using C, cast on 49 [55, 61, 67, 73] sts in 1x1 rib. * K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 8 rows. Transfer sts for st st *. Set RC at 000. Using MT, cont in Fair Isle patt from chart. K 22 [30, 38, 44, 48] rows. Reverse colours and K 26 [30, 34, 38, 42] rows. Cast off.

LEFT FRONT

With carriage at right and using C, cast on 22 [25, 28, 31, 34] sts in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, cont in Fair Isle patt from chart. K 22 [30, 38, 44, 48] rows. Reverse colours and K 10 [14, 18, 22, 26] rows. K 1 row extra for right front.

Shape Neck

Cast off 3 [4, 5, 6, 7] sts at beg of next row. Dec 1 st at neck edge of next and every foll alt row until

15 [17, 19, 21, 23] sts rem. K 8 rows (7 rows only on right front). Cast off.

RIGHT FRONT

Work as for left front, reversing shapings by noting alterations in number of rows worked.

SLEEVES

Push 33 [37, 39, 43, 47] Ns to WP. Using MT and WY, cast on

and K a few rows, ending with carriage at right. Set RC at 000. Using MT, cont in Fair Isle patt from chart. K 4 rows. Shape sides by inc 1 st at each end of next and every foll 8th [7th, 6th, 5th, 5th] row until there are 39 [45, 49, 55, 61] sts. K 9 [7, 7, 12, 10] rows. RC shows 30 [33, 36, 42, 45]. Adjust length at this stage, if desired. Cast off.

CUFFS

With carriage at right and using

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for 6.5 mm double knitting machines with a ribber and Fair Isle facility (Version 1) or intarsia facility (Version 2). If you don't have a ribber, work ribs in mock rib or knit by hand using 3 1/4 mm needles.

MATERIALS

Robin New World DK. (Yarn Guide No. 14.)

Version 1

1 [1, 1, 1, 2] x 50g balls in Yellow (A).

1 [1, 1, 1, 2] x 50g balls in Blue (B).

1 [1, 1, 1, 2] x 50g balls in Green (C).

Version 2

1 x 50g ball in Yellow (A).

1 x 50g ball in Purple (B).

1 x 50g ball in Green (C).

1 x 50g ball in Brown (D).

1 x 50g ball in Blue (E).

1 [1, 1, 2, 2] x 50g balls in Red (F).

Both Versions

4 [5, 5, 6, 6] buttons.

The fibre content of this yarn is 75% Acrylic, 25% Wool. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Idle, Bradford BD10 9TE.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 36 [41, 46, 51, 56] cm, 14 [16, 18, 20, 22] in.

Version 1

Actual size 42 [48, 53, 59, 64] cm, 16 1/2 [19, 21, 23 1/2, 25 1/2] in.

Length to shoulder 19 [23, 27, 30, 33] cm, 7 1/2 [9, 10 1/2, 12, 13] in.

Sleeve seam 13 [14, 15, 17, 18] cm, 5 [5 1/2, 6, 6 1/2, 7] in (adjustable).

Version 2

Actual size 43 [48, 52, 57, 61] cm, 17 [19, 20 1/2, 22 1/2, 24] in.

Length to shoulder 18 [22, 24, 28, 32] cm, 7 [8 1/2, 9 1/2, 11, 12 1/2] in.

Sleeve seam 13 [14.5, 15.5, 17, 18.5] cm, 5 [5 1/2, 6, 6 1/2, 7 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

22 stitches and 30 rows to 10 cm, 4 in measured over Fair Isle and intarsia (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Always twist yarns together when changing colours in intarsia to prevent a hole forming.

Garter Stitch

K 2 rows. Drop every st 1 row down and pick up as for ribbing.



Bambino bright

◀ 8

B, cast on 29 [31, 33, 35, 37] sts in 1x1 rib. Work as for back from * to *. With P side facing, replace sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Using MT, K 1 row. Cast off.

NECKBAND

With carriage at right and using C, cast on 55 [59, 63, 67, 71] sts in 1x1 rib. Work as for back from * to *. Using MT, K 1 row. Using WY, K a few rows and release from machine.

BUTTONHOLE BAND

With carriage at right and using B, cast on 45 [57, 61, 73, 79] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 4 rows. Counting from right edge for girl or left edge for boy, make buttonholes over 4th and 5th and every foll 11th and 12th [11th and 12th,

12th and 13th, 12th and 13th, 13th and 14th] Ns. K 4 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

BUTTON BAND

Work as for buttonhole band, omitting buttonholes.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

MAKING UP

Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in

C. Pin front bands into position and backstitch as for neckband, reading B for C. Finish buttonholes and sew on buttons.

VERSION 2

BACK

With carriage at right and using F, cast on 50 [55, 60, 65, 70] sts in 1x1 rib. * K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 8 rows. Transfer sts for st st *. Set RC at 000. Using MT, cont in intarsia as follows:-

Next Row: K 10 [11, 12, 13, 14] sts A, 10 [11, 12, 13, 14] sts B, 10 [11, 12, 13, 14] sts C, 10 [11, 12, 13, 14] sts D and 10 [11, 12, 13, 14] sts E. Cont in patt as set, K 7 [11, 13, 17, 21] rows. RC shows 8 [12, 14, 18, 22]. Using F, K 2 rows garter st. Using A, K 2 rows st st. Using F, K 2 rows garter st. Cont in intarsia.

Next Row: K 10 [11, 12, 13, 14]

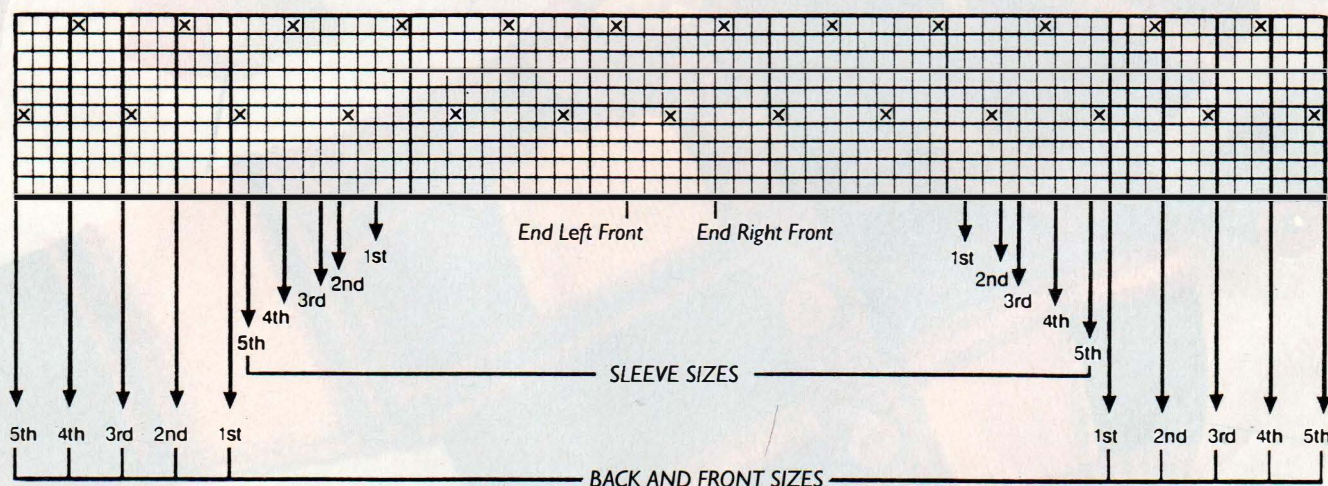
sts C, 10 [11, 12, 13, 14] sts E, 10 [11, 12, 13, 14] sts A, 10 [11, 12, 13, 14] sts B and 10 [11, 12, 13, 14] sts D. Cont in patt as set, K 7 [11, 13, 17, 21] rows. RC shows 22 [30, 34, 42, 50]. Using F, K 2 rows garter st. Using E, K 2 rows st st. Using F, K 2 rows garter st. Cont in intarsia.

Next Row: K 10 [11, 12, 13, 14] sts B, 10 [11, 12, 13, 14] sts D, 10 [11, 12, 13, 14] sts C, 10 [11, 12, 13, 14] sts E and 10 [11, 12, 13, 14] sts A. Cont in patt as set, K 7 [11, 13, 17, 21] rows. RC shows 36 [48, 54, 66, 78]. ** Using F, K 2 rows garter st. Using B, K 2 rows st st. Using F, K 2 rows garter st. Using C, K 2 rows st st. Using F, K 2 rows garter st. Using D, K 2 rows st st. Using F, K 2 rows garter st. RC shows 50 [62, 68, 80, 92]. ** Cast off.

LEFT FRONT

With carriage at right and using F, cast on 23 [25, 27, 30, 33] sts in 1x1 rib. Work as for back from *

CHART



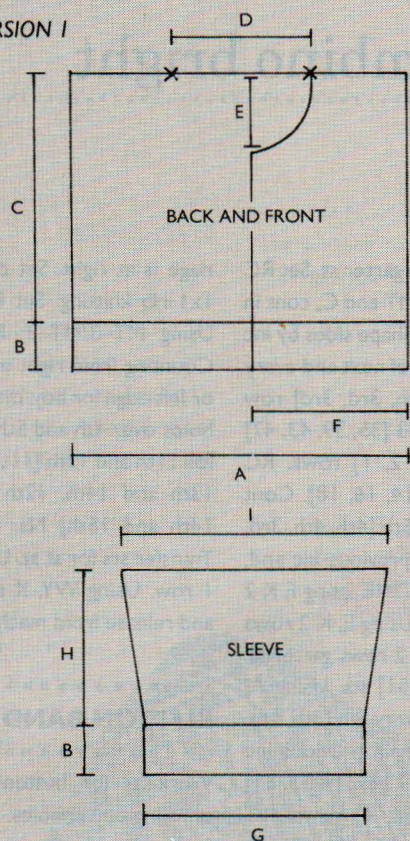
BACK AND FRONTS

- ☐ Colour A
- ☒ Colour B

SLEEVES

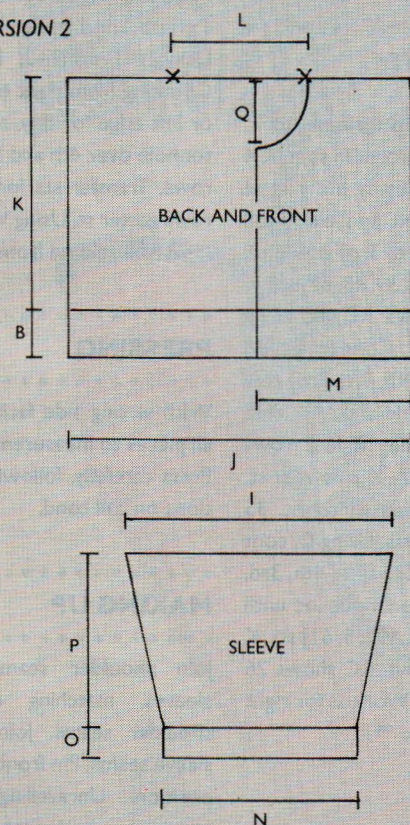
- ☐ Colour C
- ☒ Colour A

VERSION 1



A = 22 [25, 27.5, 30, 33] cm	F = 10 [11, 12.5, 14, 15] cm
B = 3 cm	G = 15 [16.5, 17.5, 19.5, 21] cm
C = 16 [20, 24, 27, 30] cm	H = 10 [11, 12, 14, 15] cm
D = 8.5 [9.5, 10.5, 11, 12] cm	I = 17.5 [20, 22, 25, 27.5] cm
E = 5 cm	

VERSION 2



J = 22.5 [25, 27, 29.5, 31.5] cm	N = 13 [14, 15, 15.5, 16.5] cm
K = 15 [19, 21, 25, 29] cm	O = 2 cm
L = 9 [9.5, 10, 10.5, 11.5] cm	P = 11 [12.5, 13.5, 15, 16.5] cm
M = 10 [11, 12, 13.5, 15] cm	Q = 4.5 cm

to *. Set RC at 000. Using MT, cont in intarsia as follows:- Next Row: K 13 [14, 15, 17, 19] sts A and 10 [11, 12, 13, 14] sts C. Cont in patt as set. K 7 [11, 13, 17, 21] rows. RC shows 8 [12, 14, 18, 22]. Using F, K 2 rows garter st. Using A, K 2 rows st st. Using F, K 2 rows garter st. Using B, K 8 [12, 14, 18, 22] rows st st. Using F, K 2 rows garter st. Using E, K 2 rows st st. Using F, K 2 rows garter st. Cont in intarsia.

Next Row: K 13 [14, 15, 17, 19] sts E and 10 [11, 12, 13, 14] sts A. Cont in patt as set, K 5 [9, 11, 15, 19] rows.

Shape Neck

Cast off 2 [2, 2, 3, 5] sts at beg of next row, K 1 row. Work as for back from ** to ** and, AT THE SAME TIME, dec 1 st at neck edge of next 6 rows. Cast off rem 15 [17, 19, 21, 22] sts.

1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, cont in intarsia as follows:-

Next Row: K 10 [11, 12, 13, 14] sts D and 13 [14, 15, 17, 19] sts E. Cont in patt as set, K 7 [11, 13, 17, 21] rows. RC shows 8 [12, 14, 18, 22]. Using F, K 2 rows garter st. Using A, K 2 rows st st. Using F, K 2 rows garter st. Using C, K 8 [12, 14, 18, 22] rows st st. Using F, K 2 rows garter st. Using E, K 2 rows st st. Using F, K 2 rows garter st. Cont in intarsia.

Next Row: K 10 [11, 12, 13, 14] sts B and 13 [14, 15, 17, 19] sts A. Cont in patt as set, K 6 [10, 12, 16, 20] rows.

Shape Neck

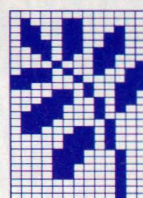
Cast off 2 [2, 2, 3, 5] sts at beg of next row. Work as for back from ** to ** and, AT THE SAME TIME, dec 1 st at neck edge on next 6 rows. Cast off rem 15 [17, 19, 21, 22] sts.

RIGHT FRONT

With carriage at right and using F, cast on 23 [25, 27, 30, 33] sts in

RIGHT SLEEVE

Using F, cast on 29 [31, 33, 35, 37] sts by hand. Set RC at 000. Using 12 ►



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Bambino bright

◀ 11

MT-1, K 8 rows garter st. Set RC at 000 *. Using MT and C, cont in st st, K 4 rows. Shape sides by inc 1 st at each end of next and every foll 5th [4th, 4th, 3rd, 3rd] row until there are 33 [35, 39, 43, 47] sts. K 0 [3, 1, 2, 1] rows. RC shows 10 [12, 14, 16, 18]. Cont to inc on every 5th [4th, 4th, 3rd, 3rd] row from previous inc and, AT THE SAME TIME, using F, K 2 rows garter st. Using E, K 2 rows st st. Using F, K 2 rows garter st. 35 [39, 41, 47, 51] sts. Using A, cont to inc on every 5th [4th, 4th, 3rd, 3rd] row from previous inc until there are 39 [45, 49, 55, 61] sts. K 1 [1, 1, 6, 4] rows. RC shows 26 [30, 34, 38, 42]. ** Using F, K 2 rows garter st. Using B, K 2 rows st st. Using F, K 2 rows garter st. Using D, K 2 rows st st. Using F, K 2 rows garter st. Cast off **.

riage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 4 rows. Counting from right edge for girl or left edge for boy, make buttonholes over 4th and 5th and every foll 11th and 12th [11th and 12th, 13th and 14th, 12th and 13th, 14th and 15th] Ns. K 4 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

BUTTON BAND

Work as for buttonhole band, omitting buttonholes.

NECKBAND

With carriage at right and using F, cast on 67 [69, 71, 77] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 4 rows. Counting from right edge for girl or left edge for boy, make a buttonhole over 4th and 5th Ns. K 3 rows. Transfer sts for st st. K 4 rows garter st. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

MAKING UP

Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Pin front bands into position. Unravelling WY as required, backstitch through open loops of last row worked in F. Pin neckband into position and backstitch as for front bands. Finish buttonholes and sew on buttons.

LEFT SLEEVE

Work as for right sleeve to *. Using MT and B, cont in st st. K 4 rows. Shape sides by inc 1 st at each end of next and every foll 5th [4th, 4th, 3rd, 3rd] row until there are 33 [35, 39, 43, 47] sts. K 0 [3, 1, 2, 1] rows. RC shows 10 [12, 14, 16, 18]. Cont to inc on every 5th [4th, 4th, 3rd, 3rd] row from previous inc and, AT THE SAME TIME, using F, K 2 rows garter st. Using A, K 2 rows st st. Using F, K 2 rows garter st. 35 [39, 41, 47, 51] sts. Using D, cont to inc on every 5th [4th, 4th, 3rd, 3rd] row from previous inc until there are 39 [45, 49, 55, 61] sts. K 1 [1, 1, 6, 4] rows. RC shows 26 [30, 34, 38, 42]. Work as for right sleeve from ** to **.

BUTTONHOLE BAND

With carriage at right and using F, cast on 37 [49, 57, 67, 75] sts in 1x1 rib. K 3 tubular rows. Car-

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Helpline

Need help solving a problem? No problem involving machine knitting is ever too small or too large for the Helpline team.

FIGHT THE FLUFF!!

Jane Blake from Christchurch in Dorset wrote to us about an 'after knitting' problem.

Dear Editor, *Modern Machine Knitting* has been my favourite magazine for many years and I have copies dating back to 1960, when I purchased my first machine. I am now 80 years old and still purchasing it and using some of the lovely patterns printed. I have knitted two cardigans from the October 1993 issue, 'Black Velvet', one for each of my grand-daughters to satisfy their requests and they look great. Now I must get down to my query, is there any treatment one can use for angora garments to stop the fluff going on to other garments?

ED SAYS

Sorry, Jane, we don't know of anything but if there is any solution out there we are sure that one of our readers will know about it and will hopefully enlighten us. Thank you for your kind comments about our magazine, we are all as bad as each other for hoarding the old magazines but isn't it surprising how many times you find just what you want in a really old issue. We all hope that we are as busy knitting at 80 years young as you obviously are. Thank you for writing to us and we will wait to see if any answer turns up.

RIBBER ARM

Mavis Burrows from Norfolk wrote to us about a mishap she had recently; she says:

'I had spent ages knitting a jacket that I needed to wear that evening and I was hurrying to finish off the last piece. I had been using my ribber and had just

transferred all the stitches to the main bed and had only to run them off on to waste yarn. I left the ribber arm on, threaded up with my waste yarn and knitted across (all 180 stitches!) with the waste yarn and all I got was an awful mess. Some needles knitted, some didn't and I spent ages sorting it out; talk about more haste, less speed! What puzzles me is that I am sure that I have done this quite successfully before, so what did I do wrong this time?"

ED SAYS

You *can* use your ribber arm, Mavis, to knit on the single bed but this is what you need to do.

1. Have the comb and weights on. If not, hold the work down with your free hand.

2. Bring all the needles out to the holding position with your carriage set to knit.

3. Leave the ribber bed up in position, since this will also help.

For each row you knit, bring the needles out, each time, to the holding position. It is a nuisance to keep swapping back to the main carriage if you are just running work off on waste yarn but if you follow the above rules you will be OK. Sorry you had a problem, Mavis, but doesn't it always happen when you are in a hurry!

EVEN DECREASES

Sandra Hind from Newcastle is a fairly new knitter and wrote to us with this problem.

'I am fairly new to machine knitting and, although I am doing quite well, I do find some of the instructions on some of the machine knitting patterns rather vague and wish that they would

give fuller explanations. For example a pattern I am using at the moment said 'run work off on waste yarn and replace sts back on to machine on to 100 sts, decreasing evenly across the row'. I had 150 stitches on. It did not tell me how to decrease evenly and although I did it, I felt that I was making it up as I went along and not following any rules. What should I have done, is there a right way please?"

ED SAYS

There is only a 'right way', Sandra, in that the way which suits you best is right. This is how I do it. If, as you say, you have 150 stitches and you have to replace them on to 100 stitches, then that means that you have 50 decreases to make. In this case it is easy because it is an easy number. Run the work off on waste yarn. Bring out the required number of needles to the working position, in this case 100. Now bring slightly forwards the number of needles for decreasing (for example, in this case 50) – so you would in this instance bring forward every other needle. Now replace your work, putting two

stitches on to every needle that is slightly forwards. If for example I had to decrease just 15 stitches over about 80 needles I would just bring out 15 needles slightly forward evenly across the row. It does not have to be exact as long as they are reasonably even. Pulling the needles out like this means that you will replace the stitches evenly spaced without having to count as you go along the row. I use this method when I am knitting yoked sweaters too. The pattern will actually tell you to put two stitches on to every fifth needle or whatever but even so, if you go along the row and pull every fifth needle out slightly, it means that you do not have to worry any more; you just know that when you reach a needle that is forward you put two stitches on to it.

These little things are, I think, the things that make the knitting easier and they are all acquired only as you knit. Reading about them, or watching someone else do them, is fine but until you need them on a garment they do not register. However, once you have used them they stay with you and the job is easier next time.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to *Modern Knitting Helpline*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll send a *Modern Knitting binder* to readers whose letters we publish.

Please keep writing

Club speakers

TERRY ARMITSTEAD and JANE HUNTINGFORD

c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY. Tel: 0243 826125

Subject: Combined talks on: TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines. TALK 2: "Inspirational Variations". How to get more out of your punchcard and electronic designs, plus all the latest on our products.

Travel: No restriction.

ANN BROWN

Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB.
Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff.

Travel: Club Talks – 100 miles. Workshops/Hands on – any distance.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: 50-mile radius, further by arrangement.

WENDY DAMON

9 Sedley Close, Cliffe Woods, Rochester, Kent ME3 8HE.
Tel: 0634 221629

Subject: Design Ideas, Using Punchcards Creatively, Double Jacquard, Surface Decoration and more – send for full details of talks and workshops.

Travel: 100-mile radius of Rochester for talks, more for workshops.

THELMA DAWSON

287 Brompton Road, London SW3 2DY.
Tel: 071-589 0772

Subject: Intarsia for beginners/improvers and, of course, the Dawson Grids with all they can achieve. Workshops can be arranged.

Travel: 70-mile radius of London. Further by arrangement.

ANN DISHMAN

Briarbank, Highview Lane, Ridgewood, Uckfield, East Sussex TN22 5SY.
Tel: 0825 767757

Subject: Life with Angoras. Angora yarn: its uses, handspinning for the knitting machine. Rainbow dyeing of commercial and handspun yarns with demonstrations.

Travel: Reasonable distance as rabbits also travel to clubs.

ANN DURKAN

Michaelmas Cottage, Twineham, West Sussex RH17 5NN.
Tel: 0444 881556

Subject: Lively lecture by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on *Elegance made Easy*. Plenty of sample garments to try on and have fun with. Workshops also arranged.

Travel: No restriction.

KENI FREEMAN

19 Willersey Road, Badsey, Worcestershire WR11 5HB.
Tel: 0386 832080

Subject: Intarsia; Design and Colour; Using sewing machines and overlockers with knitted fabrics; Copyright.

Travel: Will travel to most areas.

ANGIE GIBBONS

26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY.
Tel: 0293 523805

Subject: Creative lecture by qualified designer covering design research, inspirations, colour theory and yarn usage. Detailed design techniques as given in *Swatch Spot* articles in *Modern Machine Knitting*. Garments from children to adults shown. Workshops can be arranged.

Travel: Any distance considered.

ANDREA HARTLEY

Jaquandra, 96 Beaumont Chase, Bolton BL3 4XH.
Tel: 0204 659589

Subject: "Cotton Crusade" covering all types of cotton yarns available. Their behaviour during and after knitting, with swatches and garments. Also demonstrations on necklines and lace patterns for tunic borders.

Travel: 2 hours of Manchester.

ROZ KELLETT

68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW.
Tel: 0703 446389

Subject: Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love.

Travel: South of England, elsewhere by request.

ANNE KENT

23 Springfield, East Grinstead, West Sussex RH19 2RT.
Tel: 0342 313562

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from East Grinstead.

Club speakers

PEGGY LA RIVIERE

67 Bartholomew Road, London NW5 2AH.
Tel: 071-267 2712

Subject: The blocking cloth and finishing; demonstrations of stitched appliqué on knitwear; a good way of using up tension swatches; original winter coats.

Travel: Up to two hours from London, further by arrangement.

GILLIAN LAMB

16 Firwood Close, St. Johns, Woking, Surrey GU21 1UQ.
Tel: 0483 476356

Subject: Computers – general talk for knitters and stitchers new to computing. Talks and workshops for designing on computer with Delux Paints.

Travel: 70-mile radius, further by arrangement.

CHRISTELLE MARKS-JEFFERY

Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU.
Tel: 0903 743147

Subject: Designing and adorning marvellous mohair. Easy appliqués and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available.

Travel: Any distance considered.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
Tel: 04605 4670

Subject: Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and Demonstrations.

Travel: 90-mile radius of Ilminster.

ANNE REID

Undy Yarns, 4 Bridewell Gardens, Undy, Gwent NP6 3JZ.
Tel: 0633 881028

Subject: Demonstration and talk on DesignaKnit. All your queries answered. We can also bring Bonnie's Yarn Warehouse to your club with club discounts.

Travel: South and South/West Wales. Further by arrangement.

JENNY ROSE

12 Bercta Road, London SE9 3TZ.
Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60-mile radius. Further by arrangement.

RITA RUBERY

18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ.
Tel: 021-353 9623

Subject: Talk called 'Made to Measure' Knitwear with 28 garments, illustrations, books and patterns.

Travel: Any distance considered.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

ANNE WARWICK

The Knitting Studio, 27a Regent Street, Hinckley, Leicestershire LE10 0AZ.
Tel: 0455 636409 after 6pm

Subject: Knitting with Oiled Yarns. Cashmere, Lambswool/Angora, Shetland, etc. Successful knitting in luxury oiled yarns. Talk and demonstration with samples, swatches and garments covering yarn counts, tensions, scouring, finishing and care for your garments.

Travel: 50-mile radius, further by arrangement.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
Tel: 061-775 5257

Subject: Pressing knitwear; Appliqués; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within 100-mile radius of Manchester, but special arrangements can be made for longer distances.

SYLVIA WYNN

Forge Craft Creations, The Old Smithy, Pirton, Nr Worcester, WR8 9EJ.
Tel: 0905 820482

Subject: Swiss darning. Talk, demonstration and workshops. Sylvia demonstrates her technique on Swiss darning and how to achieve the professional finish.

Travel: Any reasonable distance.

Blue moon

This blue cable sweater knitted on a 9mm chunky gauge machine, is an exclusive design from the 'Silver Reed International Collection'.

BACK

Push 36 Ns at left and 33 Ns at right of centre 0 to WP, 69 Ns. Using MT and WY, cast on and K a few rows, ending with carriage at right. Place marker at centre 0. Using MY, K 34 [40, 46] rows. Place marker at right edge *, K 57 rows. Place marker at right edge. K 34 [40, 46] rows. RC shows 125 [137, 149]. Place marker at centre 0. Using WY, K a few rows

and release from machine.

FRONT

Work as for back to *, K 34 rows. Using MT+I, cont in cable patt from chart, K 23 rows. Place marker at right edge. K 7 rows. Cont in st st. Using MT, K 27 [33, 39] rows. RC shows 125 [137, 149]. Place marker at centre 0. Using WY, K a few rows and release from machine.

WELTS

Push 78 [86, 94] Ns to WP. With P side facing, pick up 78 [86, 94] sts along lower edge and place on to Ns. * Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT-2/MT-2, K 16 rows. Using WY, K a few rows and release from machine *.

TO JOIN RIGHT SHOULDER

Push 21 [25, 29] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Using MT and MY, K 1 row. Cast off.

NECKBANDS

Push 79 [87, 95] Ns to WP. With P side facing, pick up 21 [25, 29] sts up to marker, 37 sts across neck and 21 [25, 29] sts to end and place on to Ns. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT-2/MT-2, K 8 rows. Place a marker at each side of centre 37 sts. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.

SLEEVES

Push 76 Ns to WP. With P side facing, pick up 33 sts from arm-hole edge, 5 sts from each neck-band and 33 sts from armhole

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed 9 mm chunky machines with a ribber.

If you don't have a ribber, work ribs in mock rib or knit by hand or use latch tool method.

MATERIALS

The original yarn used for this design is not available in this country, but we suggest your own choice of Very Thick Tweed yarn. (Yarn Guide No. 19.) Approximately 550 [600, 650]g in Blue (MY).

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.

Actual size 104 [114, 124] cm, 41 [45, 49] in.

Length to shoulder 55 cm, 21 in.

Sleeve seam 48 cm, 19 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

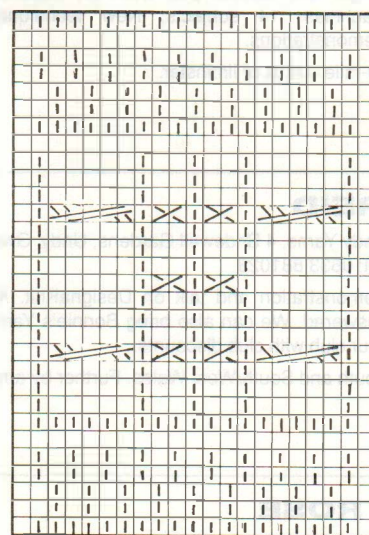
15 stitches and 24 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 3).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

CABLE CHART



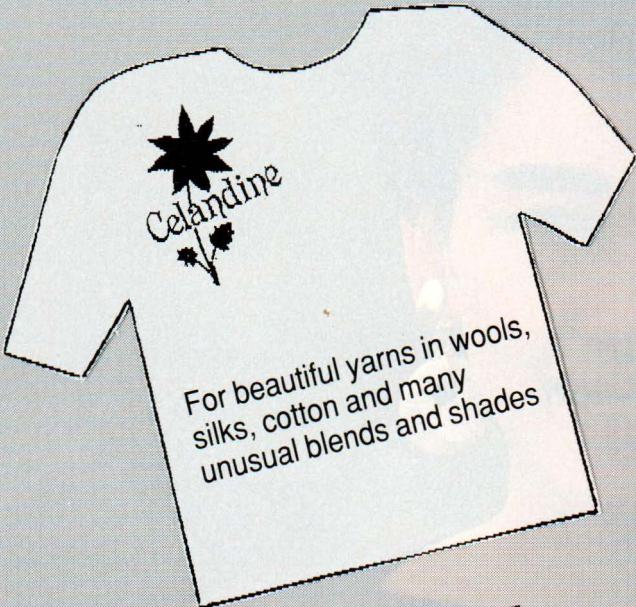
KEY

= Drop st and reform.

= Cross st at left in front of st at right.

= Cross 2 sts at left in front of 2 sts at right, leaving centre st in place.





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Blue moon

◀ 16

edge and place on to Ns. Set RC at 000. Using MT and MY, shape sides by dec 1 st at each end of every 6th row until 68 sts rem, then on every foll 7th row until 48 sts rem. K 7 rows, RC shows 101. Using WY, K a few rows and release from machine.

all pieces to measurements given. Press carefully, following instructions on cone band.

TO JOIN SIDE SEAMS

Push 36 Ns to WP. With K side of back facing, replace sts on to Ns. With P side of front facing, replace sts on to same Ns. Unravel WY. Using MT and MY, K 1 row. Cast off.

CUFFS

Push 34 Ns to WP. With P side facing, replace 48 sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Work as for welts from * to *.

MAKING UP

Using a tapestry N, cast off welts, cuffs and neckband in rib. Join sleeve, cuff and welt seams.

PRESSING

With wrong side facing, pin out



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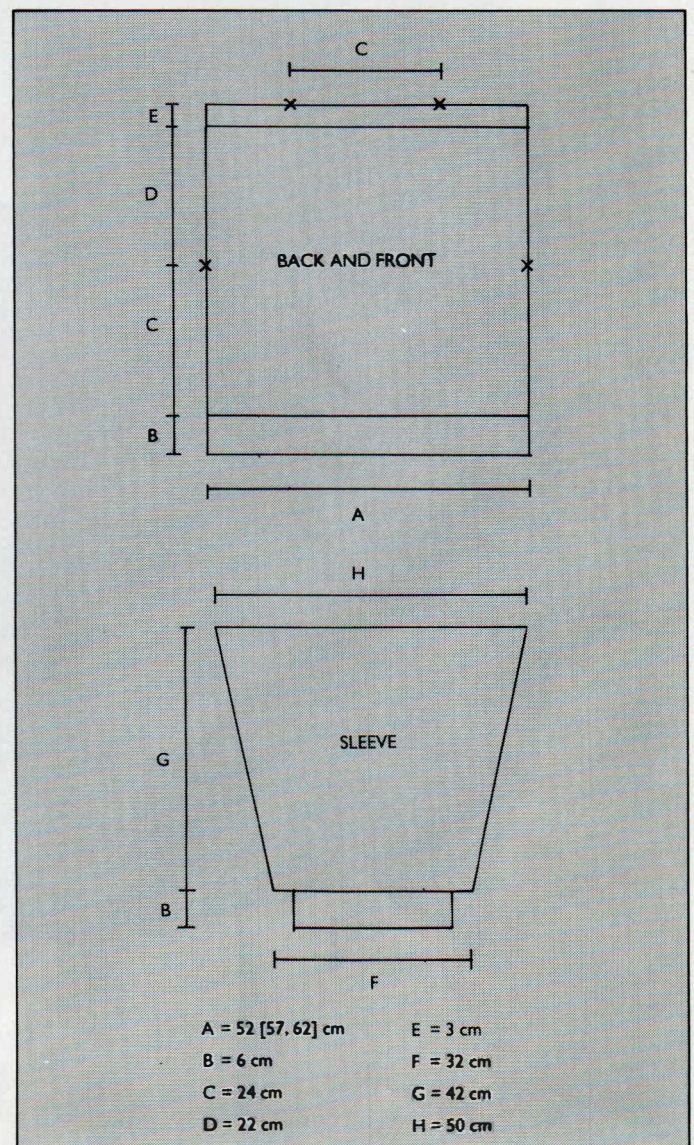
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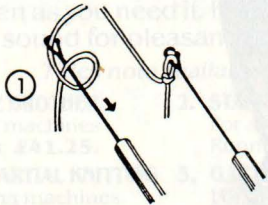
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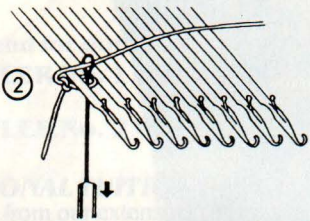


CHAIN STITCH CAST ON — USING THE LATCH TOOL

A Chain Stitch Cast On gives a lovely neat edge, which is ideal when the cast on edge is going to be seen on the right side of your knitting.

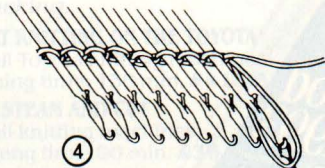
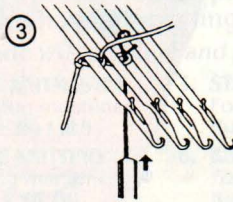


1. Make a stitch in the main yarn using the Latch Tool as shown.



2. Push the required number of needles to Holding Position. Starting at the left edge, insert the Latch Tool between the first two needles. With the original stitch behind the latch of the Latch Tool, pull the yarn through the stitch to form a new stitch.

3. Insert the Latch Tool between the 2nd and 3rd needles and repeat the same procedure as in step 2. Continue in the same way until all the needles have a chain stitch on them.



4. Hook the final stitch onto the last needle as shown. Close the latches of the needles. With the carriage at the right, thread the yarn into the feeder and set the carriage to knit needles in Holding Position. Knit one row.

Note: If you're going straight into pattern knitting after the Chain Stitch Cast On, you'll find it easier if you have some waste knitting to hang weights from. To do this, simply cast on and knit some waste yarn in the normal way and then make the Chain Stitch Cast On as explained. You'll have a waste yarn stitch and a new chain stitch on each needle. Remove the waste yarn in the normal way after you've finished knitting.

Tip: Don't make your chain stitches too tight.

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MODERN MACHINE KNITTING



Finishing touch

SUMMER TOP WITH VERTICAL WEAVING

Angela will be taking a break from techniques to design and knit some garments for us.

Having completed the series on basics and mastering the KR11, it is now time to start using some of the special techniques we have learned in Finishing Touch.

Many readers have told me that they enjoy reading about the interesting techniques, but have no idea what to use them for after they have knitted the samples. So, I have decided to devote some time to developing a few garment patterns featuring some of the more popular techniques, as well as new techniques we have not tried out before.

To start things rolling I have designed a cool summer top using one of my own favourite techniques, vertical weaving. This technique takes a little time to knit because the weaving is all worked manually. However, once the yarns are initially laid into place, the knitting does grow very quickly. In fact, I start to feel slightly disappointed as each colour is completed and there is less to do with each row – perhaps it is habit-forming and a health warning should accompany the pattern!

The top is knitted in Texere

Yarns 3/14's Cotton, using two strands together throughout. This is a lovely soft cotton, ideal for wearing in the warmer summer weather. The weaving yarn is cotton chenille, available from Texere Yarns in packs containing five metres each of 20 different colours at only £2.50 – ideal for this project! You can, of course, work the weaving in a single colour if you prefer. To do this you would need just one 50 gram ball of cotton chenille.

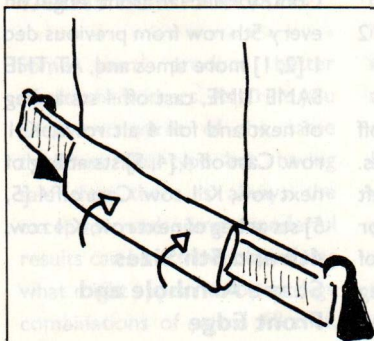
If you would like to take a look back to the July 1992 issue you will be able to read our earlier feature about vertical weaving. Perhaps you even got around to knitting a few samples but then had no pattern to knit?

Knit this little top to get a feel for the procedure and then design your own special surface pattern. It really is quite simple and very effective.

I hope that you will enjoy knitting my Finishing Touch garments. Remember, if there are any special techniques that you would like a garment design for, do write and tell me about your ideas and/or requests.

Happy knitting!

22 ►



TIP

Knitting with the comb and weights on – knitting reaches the floor so the weights are no longer effective? Just take the weights off and roll the comb forwards as high as required and place the weights over the comb again from the back. Carry on knitting – it balances beautifully!

Gail Miller

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Summer weave top

Our first finishing touch garment by Angela Gordon is a casual summer top, ideal for after-swim drinks. For a more dressy style, weave with Texere Viscose Ribbon instead of Chenille.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines.

MATERIALS

Texere 3/14s Cotton. (Yarn Guide No. 8.)

1 [1, 2, 2, 2] x 250g cones in Jade (MY).

Texere Cotton Chenille. (Yarn Guide No. 18.)

1 multi-coloured pack.

9 buttons.

GARMENT WEIGHT

Finished garment in second size weighs 230g.

The fibre content of these yarns is: Texere 3/14s is 100% Cotton; Texere Cotton Chenille is 100% Cotton. For further information about these yarns, please write to the following address: Texere Yarns, College Mill, Barkerend Road, Bradford BD3 9AQ.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102] cm, 32 [34, 36, 38, 40] in.

Actual size 89 [95, 101, 106, 111] cm, 35 [37½, 40, 42, 44] in.

Length to shoulder 50 [50.5, 51, 51.5, 52] cm, 19½ [20, 20½, 20½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

34 stitches and 49 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used purl side of knitting as right side of garment. Use 2 strands of MY together throughout.

Vertical weaving is worked by bringing out the appropriate N on every alt row and winding in an e-wrap motion around it.

Follow diagram in Notes for weaving positions.

The Chenille is in 5 metre lengths in the pack. Select the colour to be used for the cast-on edge weaving and put to one side. Select the colours to be used for the vertical weaving and each length may be cut in four pieces as that is sufficient length for the vertical weaving panels, allowing colours to be matched at each side of the back and on both fronts.

BACK

Push 154 [164, 174, 182, 192] Ns at centre to WP. * Cast on using chain st method. Set RC at 000. K 1 row. Position the lengths of Chenille between the sts next to the appropriate N for the vertical weaving as in Notes. Just push the ends between the sts and the fibres will grip and hold each piece in place. The short ends should be through to the K side of the work as the weaving is on the P side. With the length of Chenille chosen for the hem, e-wrap all sts marked in the diagram. K 1 row. Work first row of vertical weave, K 1 row. Rep hem weaving, K 1 row. Cont making vertical weaves on next and every foll alt row, according to chart *. The far left and right weaves continue for ten wraps (20 rows) and then each subsequent weave continues for a further 5 wraps (10 rows) before being discontinued. The centre two weaves at each side of 0 are continued diagonally towards the armholes, moving one st outwards every alt row. K until RC shows 130 [132, 136, 138, 140].

Shape Armholes

Cast off 9 [10, 10, 10, 11] sts at beg of next 2 rows. Dec 1 st at each end of every 5th [4th, 3rd, 3rd, 2nd] row until 120 [124, 130, 134, 140] sts rem. K 74 [74, 78, 72, 84] rows. RC shows 246 [248, 252, 254, 256].

Shape Shoulders

Cast off 4 sts at beg of next 2 rows.

Shape Neck

Using a length of MY, cast off centre 22 [24, 26, 26, 26] sts. Push 45 [46, 48, 50, 53] Ns at left to HP and cont on rem sts for first side. Cast off 4 sts at beg of next row, 6 [6, 6, 7, 7] sts at beg of next row, 4 sts at beg of next row, 5 [5, 6, 6, 7] sts at beg of

next row, 4 sts at beg of next row and 5 [5, 5, 6, 7] sts at beg of next row. Cast off 4 [4, 4, 4, 5] sts at beg of next row, K 1 row. Cast off 4 [4, 5, 5, 5] sts at beg of next row, K 1 row. Cast off 4 [5, 5, 5, 5] sts at beg of next row, K 1 row. Cast off rem 5 sts. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

LEFT FRONT

Push 75 [80, 85, 89, 94] Ns at right of centre 0 to WP. Work as for back from * to *. ** The far right weave continues for ten wraps (20 rows) and then each subsequent weave continues for 5 wraps (10 rows) before being discontinued. K until RC shows 130 [132, 136, 138, 140]. K 1 row extra for right front.

1st, 2nd and 3rd Sizes

Shape Armhole

Cast off 9 [10, 10] sts at beg of next row, K 5 [3, 1] rows.

Shape Front Edge

Place marker at left edge. Dec 1 st at armhole edge on next [2nd, 3rd] and every foll 5th [4th, 3rd] row and, AT THE SAME TIME, dec 1 st at front edge on every 4th row until 49 [51, 54] sts rem. Cont to dec at front edge only on every 4th row from previous dec until 47 [48, 39] sts rem, then on every foll 5th row until 34 [36, 36] sts rem. K 1 [4, 3] rows.

Shape Shoulder

Cont to dec at front edge on every 5th row from previous dec 1 [2, 1] more times and, AT THE SAME TIME, cast off 4 sts at beg of next and foll 4 alt rows, K 1 row. Cast off 4 [4, 5] sts at beg of next row, K 1 row. Cast off 4 [5, 5] sts at beg of next row, K 1 row.

4th and 5th Sizes

Shape Armhole and Front Edge

Place marker at left edge. Dec 1

Chain Stitch Cast-on

Using MT and WY, cast on and K a few rows, ending with carriage at right. Push Ns to HP. Using a latch tool and MY, make a loop and place loop behind latch on first N at left. With yarn at left of first N, bring latch tool up between first and second Ns at left and hook yarn over first N. Pull through loop. Rep along all Ns. Place loop from latch tool on last N at right. Push Ns to UWP.

st at left edge of every 4th row and, AT THE SAME TIME, cast off [10, 11] sts at beg of next row, K 1 row. Dec 1 st at armhole edge on every [3rd, 2nd] row until [54, 60] sts rem. Cont to dec at front edge only on every 4th row from previous dec until [36, 39] sts rem.

Shape Shoulder

Cont to dec at front edge on every 4th row from previous dec [1, 3] more times and, AT THE SAME TIME, cast off 4 sts at beg of next and foll 3 alt rows, K 1 row. Cast off [4, 5] sts at beg of next row, K 1 row. Cast off 5 sts at beg of next and foll alt row, K 1 row.

All Sizes

Cast off rem 5 sts **.

RIGHT FRONT

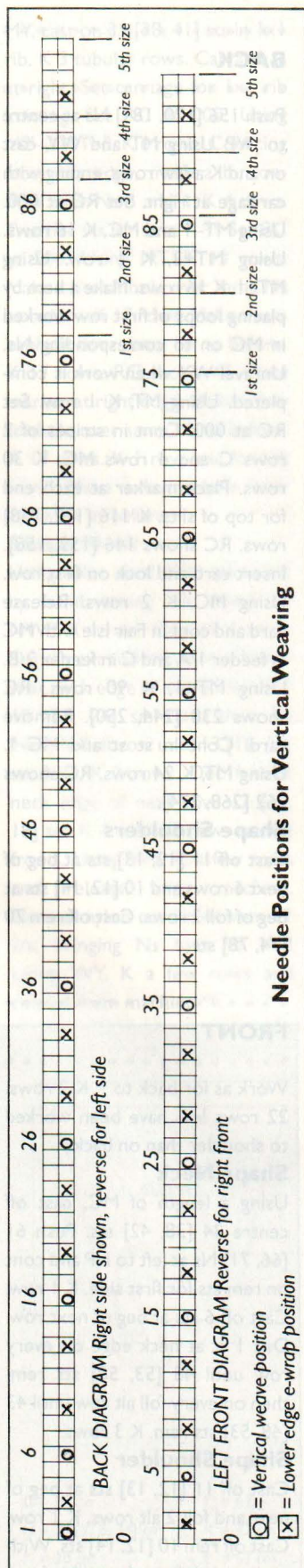
Push 75 [80, 85, 89, 94] Ns at left of centre 0 to WP. Work as for back from * to *. Work as for left front from ** to **, noting alteration in number of rows worked and reading left for right and right for left.

PRESSING

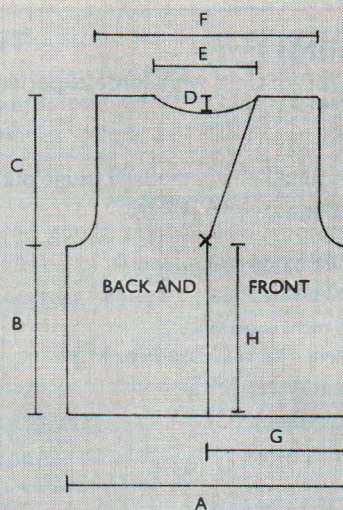
With wrong side facing, pin out all pieces to measurements given. Steam press.

MAKING UP

Join shoulder and side seams. Sew in ends of Chenille on wrong side. Work 1 row of dc and 1 row of crab st around armholes, lower, front and neck edges. Join centre front seam with herringbone st. Sew buttons down centre front.



Needle Positions for Vertical Weaving



A = 45 [48, 51, 53.5, 56] cm	E = 35 [36, 38, 39, 41] cm
B = 26.5 [27, 27.5, 28, 28.5] cm	F = 16 [16.5, 17.5, 18.5, 20] cm
C = 23.5 cm	G = 22 [23.5, 25, 26, 27.5] cm
D = 2.5 cm	H = 27.5 [27.5, 28, 28, 28.5] cm

Decorative Hand Tooling

with Angela Gordon
in Maidenhead

22nd June 1994

Spend a day at our magazine's Maidenhead workroom, trying a selection of hand tooling techniques in a variety of standard and more unusual yarns. If you fancy some light weight vertical weaving and loop stitch embroidery, or the heavier single bed quilting and ruching, now is your chance to try these techniques, and others, under expert supervision.

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This is a 'hands on' course so places are strictly limited - early enrolment is recommended!

Mice 'n' easy

Black leggings and this easy-to-knit longline tunic sweater, designed by Betty Barnden in Spectrum Linaria, will delight all fashion-conscious youngsters.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Spectrum Linaria. (Yarn Guide No. 11.)

1 x 500g cone in Aster (MC).

1 x 500g cone in Black (C).

2.00 mm crochet hook.

GARMENT WEIGHT

Finished garment in first size weighs 410g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87-92, 97] cm, 32 [34-36, 38] in.

Actual size 93 [101, 110] cm, 36½ [40, 43½] in.

Length to shoulder 65.5 [67, 68.5] cm, 26 [26½, 27] in.

Sleeve seam with cuff folded back 41 [42.5, 43.5] cm, 16 [16½, 17] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

33 stitches and 42 rows to 10 cm, 4 in measured over stripe pattern (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

BACK

Push 156 [170, 184] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-1 and MC, K 16 rows. Using MT+3, K 1 row. Using MT-1, K 16 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. Set RC at 000. Cont in stripes of 2 rows C and 4 rows MC, K 30 rows. Place marker at each end for top of slits. K 116 [122, 128] rows. RC shows 146 [152, 158]. Insert card and lock on first row. Using MC, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT+1, K 90 rows. RC shows 238 [244, 250]. Remove card. Cont in st st and MC *. Using MT, K 24 rows. RC shows 262 [268, 274].

Shape Shoulders

Cast off 11 [12, 13] sts at beg of next 6 rows and 10 [12, 14] sts at beg of foll 2 rows. Cast off rem 70 [74, 78] sts.

FRONT

Work as for back to *. K 2 rows. 22 rows less have been worked to shoulder than on back.

Shape Neck

Using a length of MC, cast off centre 34 [38, 42] sts. Push 61 [66, 71] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 6 sts at beg of next row. Dec 1 st at neck edge on every row until 48 [53, 58] sts rem, then on every foll alt row until 43 [48, 53] sts rem. K 3 rows.

Shape Shoulder

Cast off 11 [12, 13] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 10 [12, 14] sts. With carriage at left, push rem Ns from

HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 80 [84, 88] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-1 and MC, K 36 rows. Using MT+3, K 1 row. Using MT-1, K 36 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. Set RC at 000. Cont in stripes of 2 rows C and 4 rows MC and, AT THE SAME TIME, shape sides by inc 1 st at each end of next and every foll 6th row until there are 106 [110, 114] sts. K 1 row. RC shows 74. Cont in MC. K 2 rows. Inc 1 st at each end of next and every foll 4th row until there are 148 [154, 160] sts. K 1 [3, 5] rows. RC shows 158 [164, 170]. Cast off loosely.

COLLAR

Push 152 [160, 168] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 74 rows. Using MT+3, K 1 row. Using MT, cont in stripes of 2 rows C and 4 rows MC, K 74 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT+2, K 1 row. Cast off loosely.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.



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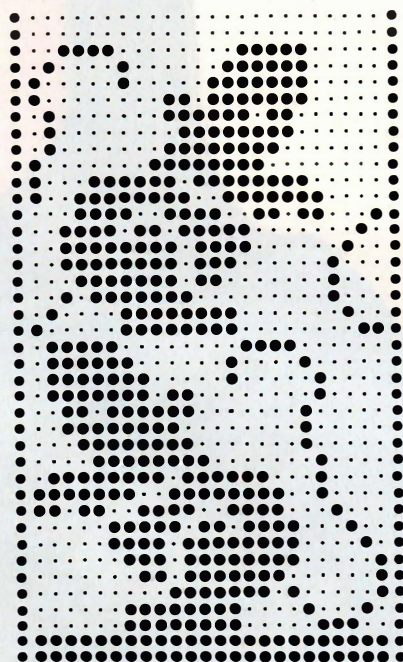
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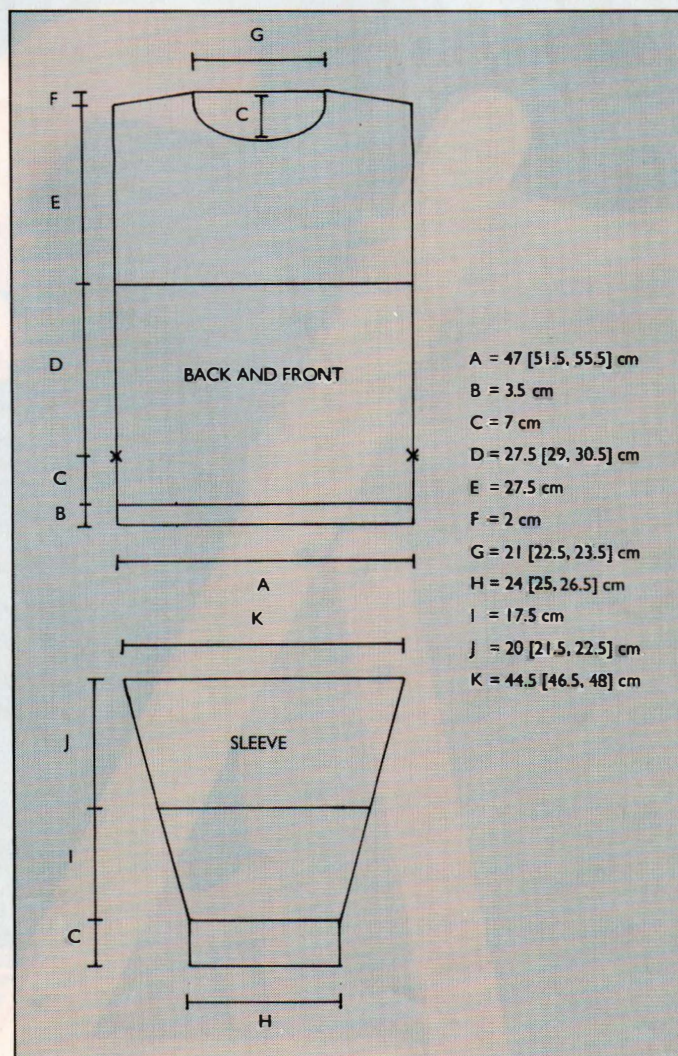
MAKING UP

Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join sleeve seams. Join side seams down to markers. Join collar seam. Sew

collar into position with seam at centre back and stripes to show when collar is folded over to right side. Using crochet hook and MC, work dc along each side of side splits, taking 3 sts tog at top of split.



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B

luebird tunic

A trendy longline tunic for teenagers from Betty Barnden, with sizes to fit Mum too! It's knitted entirely on the single bed in Spectrum Linaria.

BACK

Push 158 [170, 182] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-2 and MC, K 18 rows. Using MT+2, K 1 row. Insert card A and lock on first row. Using MT-2, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT-1, K 13 rows. Lock card on first row. Cont in st st. Using MT-2, K 2 rows MC. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Set RC at

000. Cont in striped Fair Isle patt. K 136 rows. Remove card. Insert card B and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B *. Using MT, K 122 [126, 130] rows. RC shows 258 [262, 266].

Shape Shoulders

Cast off 12 [12, 13] sts at beg of next 6 rows and 10 [13, 13] sts at beg of foll 2 rows. Cast off rem 66 [72, 78] sts.

FRONT

Work as for back to *. Using MT, K 94 [98, 102] rows. 28 rows less

have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using a length of C, cast off centre 22 [26, 30] sts. Using nylon cord, K 68 [72, 76] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 6 [7, 8] sts at beg of next row. Dec 1 st at neck edge of every row until 53 [56, 59] sts rem, then on every foll alt row until 46 [49, 52] sts rem. K 3 rows.

Shape Shoulder

Cast off 12 [12, 13] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 10 [13, 13] sts. With carriage at right, unravel nylon

cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 100 [104, 108] Ns at centre to WP. Insert card B and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at left. Using C, K 1 row. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Set RC at 000. Shape sides by inc 1 st at each end of

30 ►

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines.

MATERIALS

Spectrum Linaria. (Yarn Guide No. 11.)
1 x 500g cone in Aster (MC).
1 x 500g cone in White (C).
Small crochet hook.

GARMENT WEIGHT

Finished garment in first size weighs 465g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87-92, 97] cm, 32 [34-36, 38] in.
Actual size 94 [101, 109] cm, 37 [40, 43] in.
Length to shoulder 66.5 [67.5, 68.5] cm, 26 [26½, 27] in.
Sleeve seam 39.5 [40.5, 41.5] cm, 15½ [16, 16½] in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

33 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle pattern B (tension dial approximately 8).
33 stitches and 42½ rows to 10 cm, 4 in measured over striped Fair Isle pattern using MT and MT-1 (tension dial approximately 8 and 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

Striped Fair Isle Pattern

Using MT-1, K 2 rows C. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Using MT, K 13 rows. Lock card on first row. Cont in st st. Using MT-1, K 2 rows C and 2 rows MC. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 13 rows. Lock card on first row. Cont in st st. Using MT-1, K 2 rows MC. These 34 rows form pattern.

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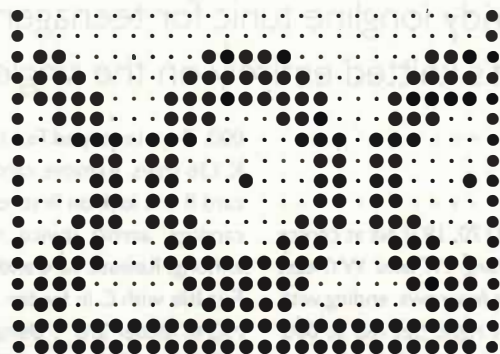
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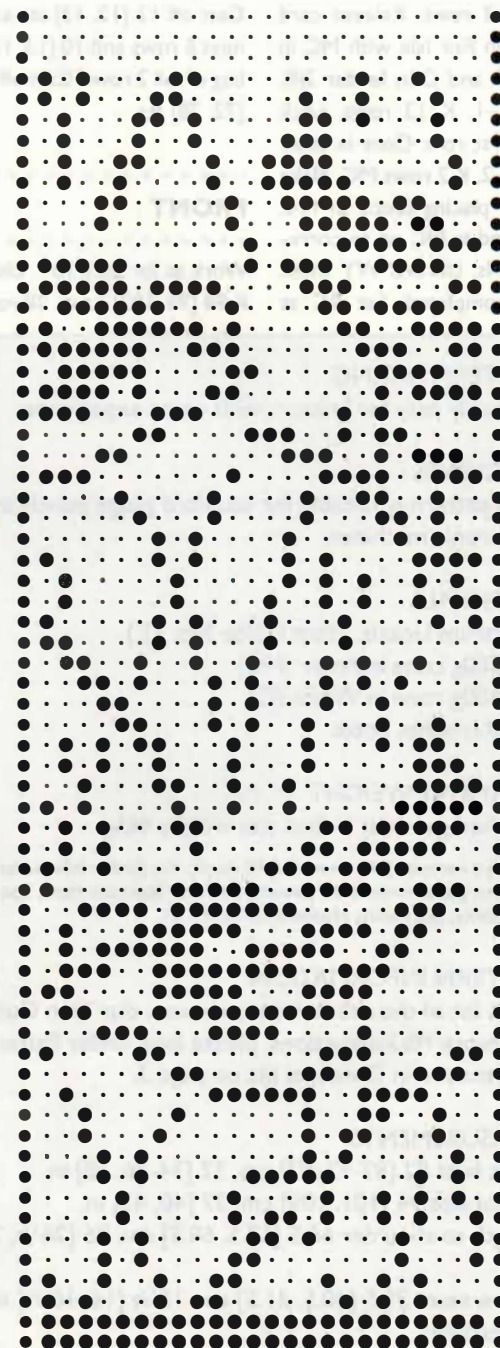
D1

Bluebird tunic

◀ 29



PUNCHCARD CHART A



PUNCHCARD CHART B



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next and every foll 5th row until there are 154 [160, 166] sts. K 9 [8, 7] rows. RC shows 140 [144, 148]. Adjust length at this stage, if desired. Cast off.

CUFFS

Push 74 Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Insert card A and lock on first row. Using MT-2, K 2 rows MC. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 13 rows. Cont in st st and MC. Using MT-1, K 13 rows. Cont in st st and MC. Using MT-2, K 2 rows. Using MT+2, K 1 row. Using MT-2, K 18 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. With P side facing, replace 100 [104, 108] sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Using MT+2, K 2 rows. Cast off.

COLLAR

Push 170 [182, 194] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT-1 and MC, K 60 rows. Using MT+2, K 1 row. Insert card A and lock on first row. Using MT-1, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, K 13 rows. Cont in st st and MC. Using MT-1, K 44 rows. RC shows 120. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Using MT+2, K 2 rows. Cast off.

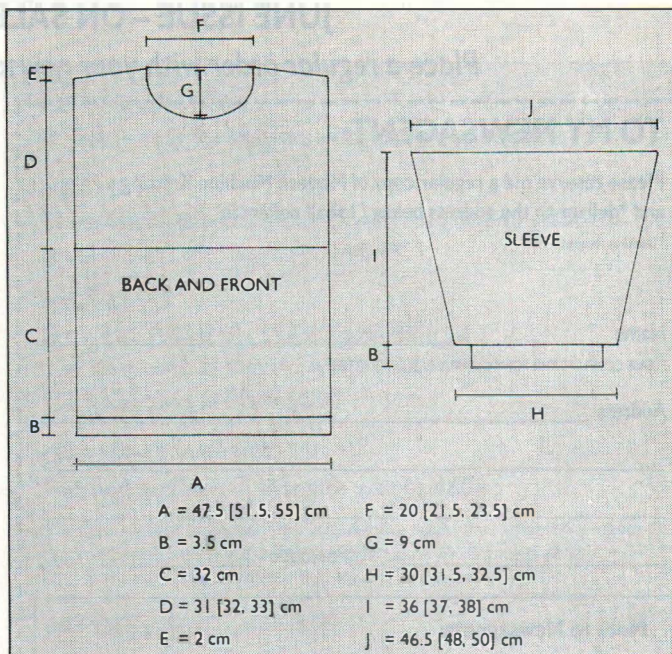
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join sleeve and side seams, leaving side edges of lower hems open. Join collar

seam. Sew collar into position with seam at centre back and patt to show when collar is folded over to right side. Using crochet hook and MC, work in dc up one side of side split edge, take 3 sts tog at side seam, work down other side in dc.



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Picture parade

RACING CYCLIST

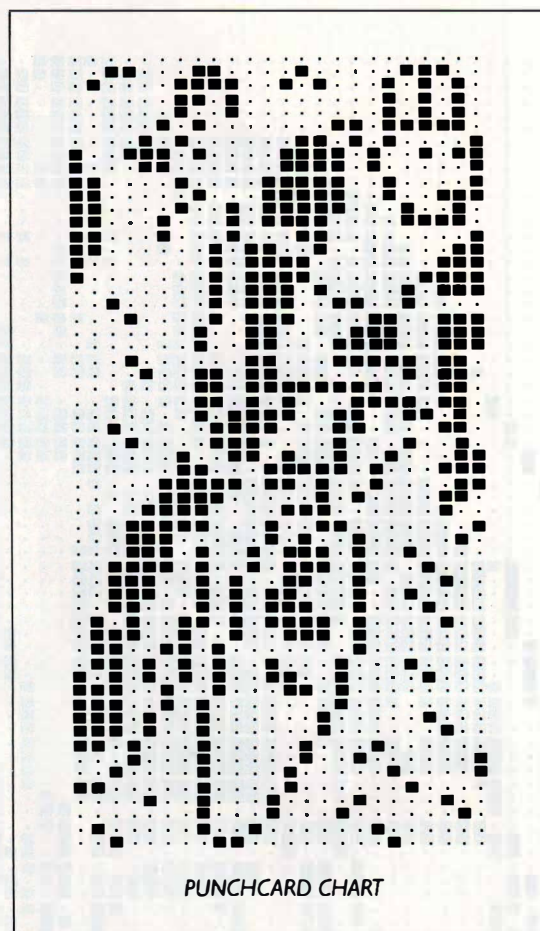
Summer is the time to get out the bicycles and enter the local races or take a long leisurely ride through our lovely countryside. This month's punchcard design by Jo Newton features a racing cyclist who will be much admired as a single motif or Fair Isle band.

Cyclists, whether they race or not, will appreciate these lively and complementary designs, which have been created after a special request from an enthusiast.

The large picture features a fairly striking colour scheme, but another appropriate one might be black on yellow, yellow being

the colour of the jersey traditionally worn by the leader of each phase of the legendary Tour de France bicycle race.

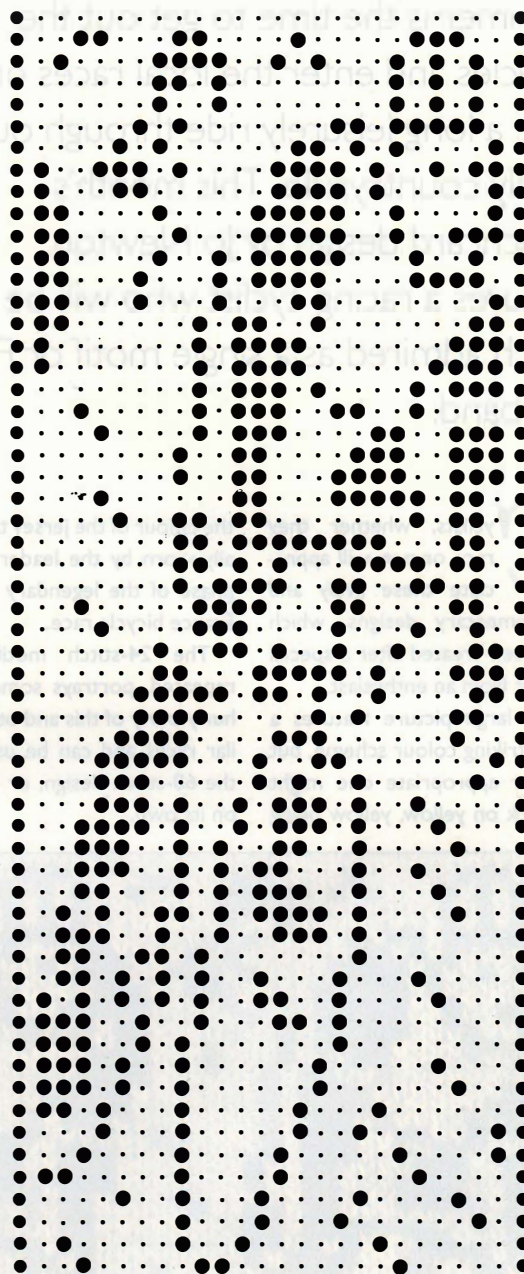
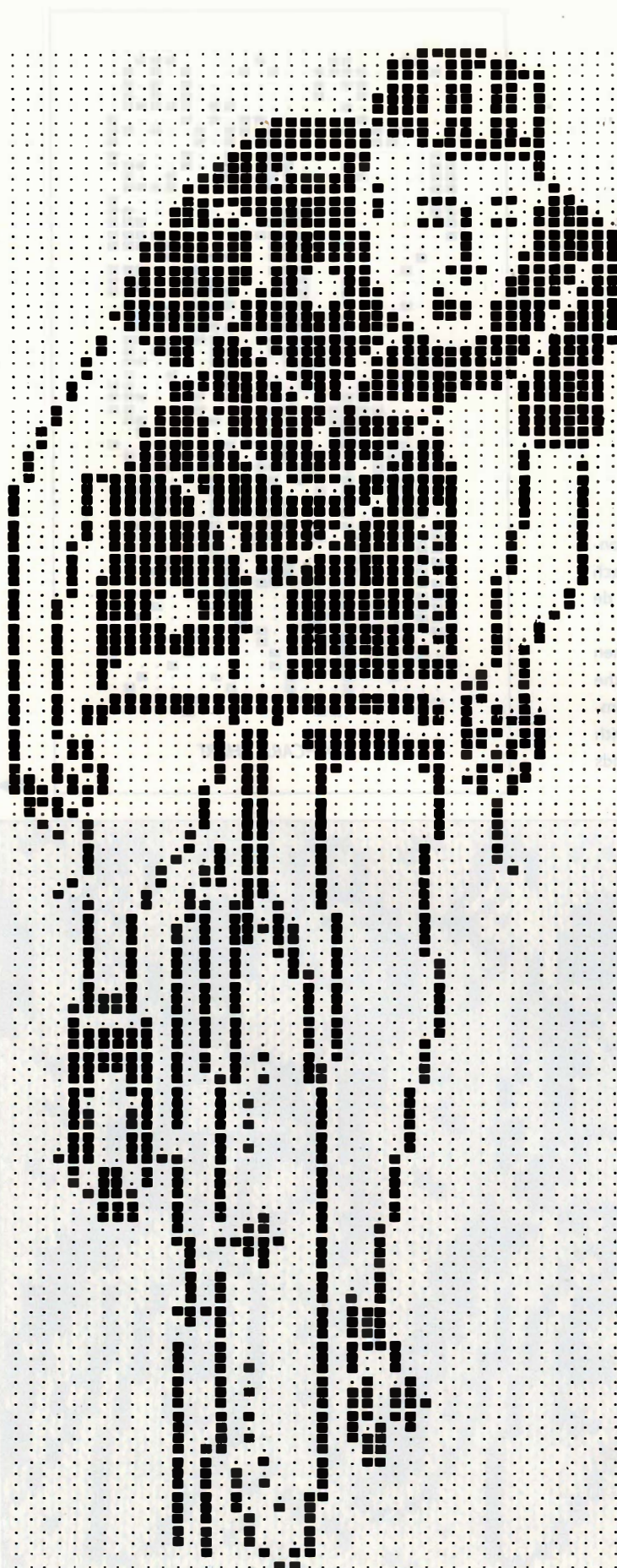
The 24-stitch motif, when repeated, portrays some of the hurly-burly of this and other similar races and can be used with the 60-stitch design, or in bands on its own.



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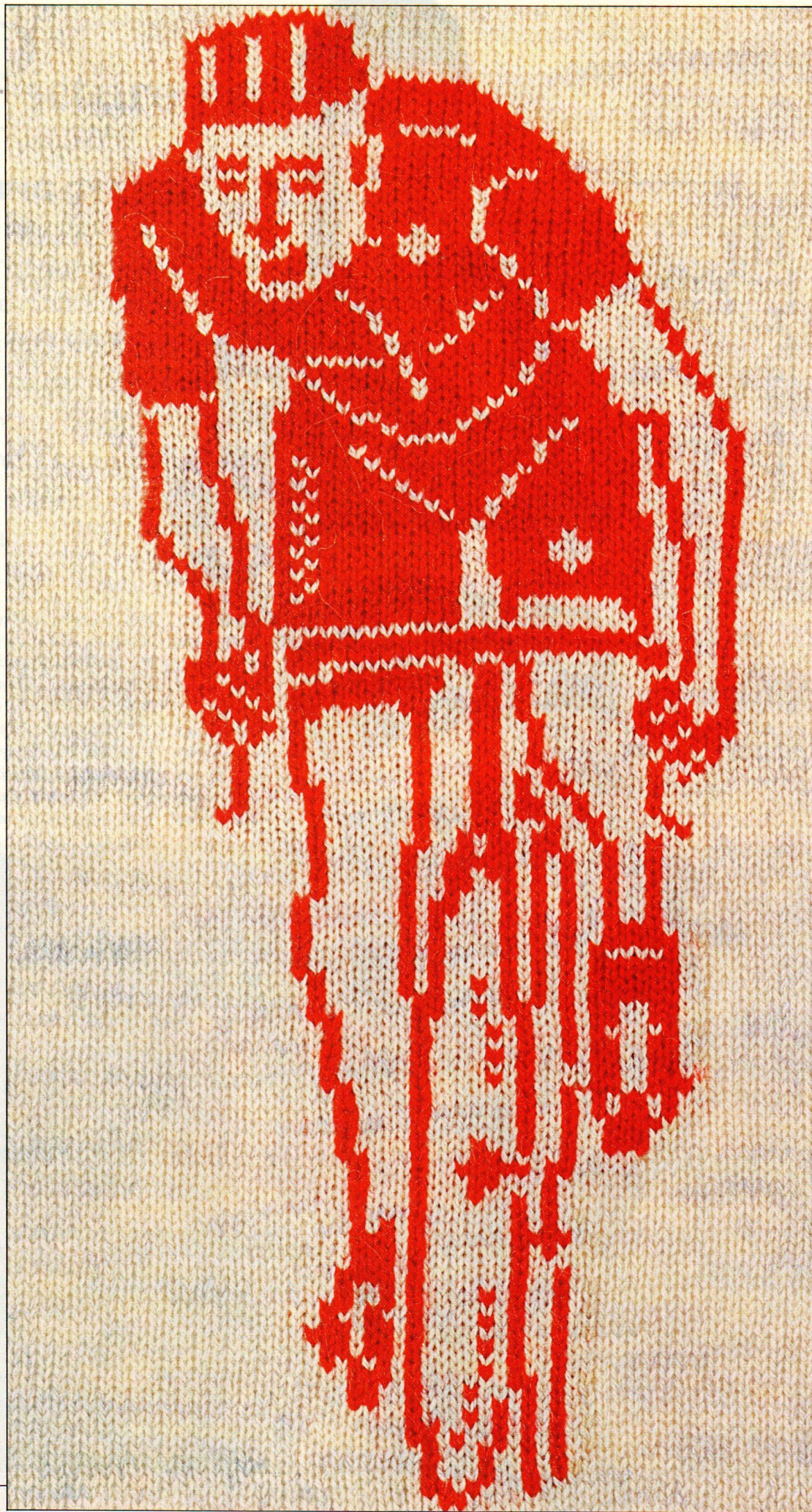


Copyright design by Jo Newton



PUNCHCARD CHART

YARNS USED
 Forsell Shamal
 525 Cardinal (Red)
 570 Opal
 560 Purple
 566 Silver Grey





Silver cables

Maggie Dyke's second design reflects the Fair Isle cable pattern in the cream hand-tooled bands and uses the same mylar sheet already produced for the first design.

BACK

Push 155 [163, 171, 179] Ns at centre to WP with extra N at left. * Push alt Ns back to NWP. Using MC, make an automatic woven cast on over alt Ns. Carriage is at right. Set RC at 000. Using MT-2, K 21 rows. Push empty Ns to WP. Pick up heels of sts and place on to empty Ns. Inc 1 st at right edge. Insert card and set to first row. Using MT, K 1 row. Transfer sts as shown on diagram 1, leave empty Ns in WP. Set RC at 000. ** K 6 rows. Cross sts 1, 2 and 3 behind sts 4, 5 and 6 as shown on diagram 2. Rep from ** 3 times more. K 4 rows. RC shows 28. Drop sts and reform as on diagram 2 (do not drop end sts). Make a hem by placing loops from cast on edge on to every alt N. Using MT+2, K 1 row. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2 *. Set RC at 000 **. Using MT, K 137 [141, 145, 149] rows.

Shape Armholes

Cast off 12 sts at beg of next 2 rows. 132 [140, 148, 156] sts. K 86 rows.

Shape Neck

Note patt row on card. Place a marker at centre 0. Using a length of MC, cast off centre 40 sts. Using nylon cord, K 46 [50, 54, 58] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at beg of next and foll 3 alt rows. 42 [46, 50, 54] sts. K 1 row. Cast off. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. Using MT, K 133 [137, 141, 145] rows.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 18 sts. Using nylon cord, K 69 [73, 77, 81] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of next row, K 2 rows.

Shape Armhole

Cast off 12 sts at beg of next row. 56 [60, 64, 68] sts. Cont to dec at neck edge on every 7th row from previous dec until 42 [46, 50, 54] sts rem. K 1 row. Cast off. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 65 [69, 71, 75] Ns at centre to WP with extra N at left. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 4th [5th, 5th, 5th] row until there are 130 [74, 92, 120] sts, then on every foll 3rd [4th, 4th, 4th] row until there are 150 sts. K 2 rows. RC shows 160 [164, 168, 172]. Place marker at each end. K 16 rows.

Shape Top

Push 6 Ns at opposite end to carriage to HP on next 18 rows and 9 Ns on foll 2 rows. Break yarn.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed SK840 standard gauge electronic machines with EC1.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No. 11.)

1 x 500g cone in Warm White (MC).

1 x 500g cone in Black (C).

GARMENT WEIGHT

Finished garment in first size weighs 460g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Accrington BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.

Actual size 102 [108, 113, 118] cm, 40 [42½, 44½, 46½] in.

Length to shoulder 67 [68, 69, 70] cm, 26½ [27, 27, 27½] in.

Sleeve seam 48 [49, 50, 51] cm, 19 [19½, 19½, 20] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle (tension dial approximately 6).

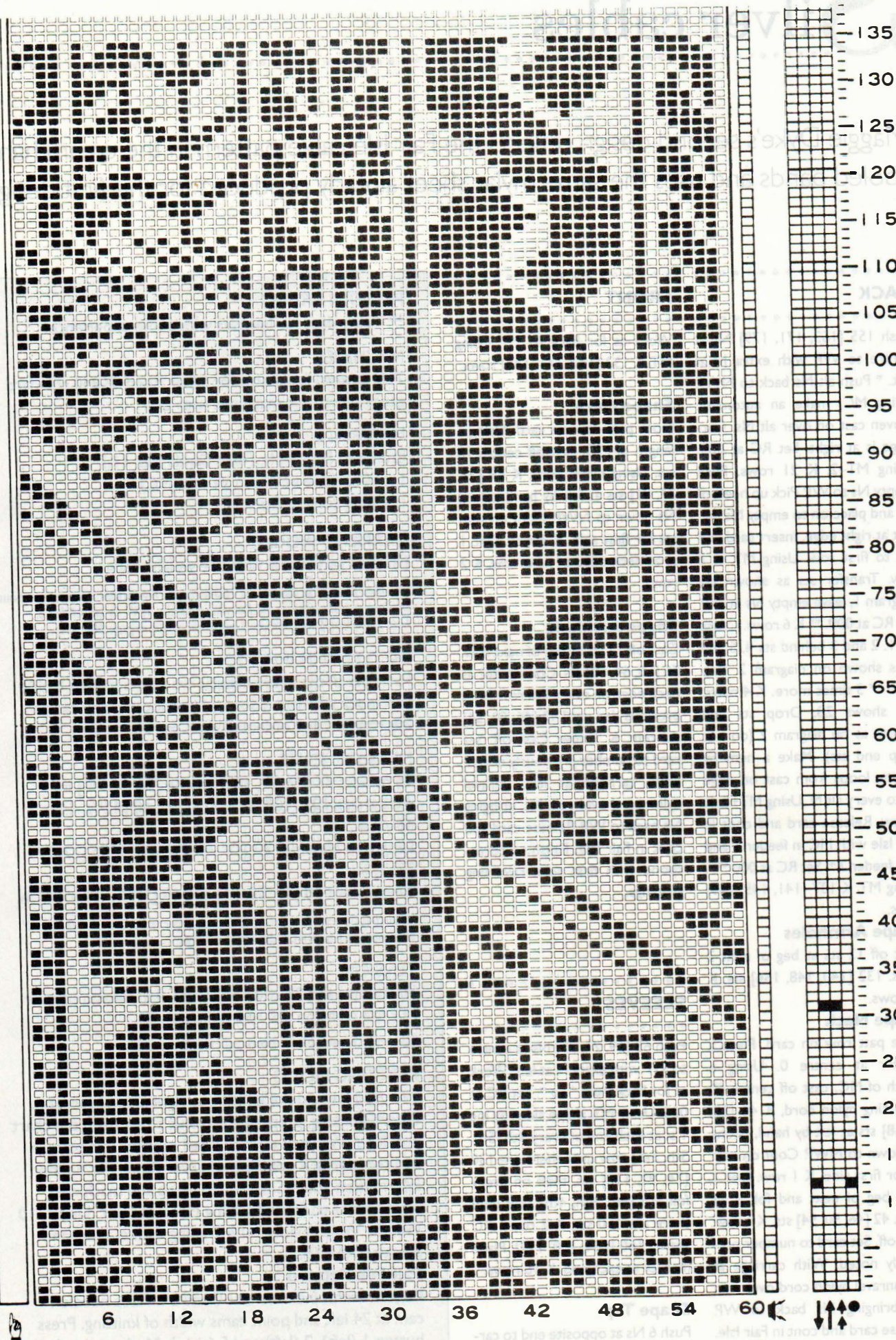
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare electronic sheet from the chart provided. We used a Silver Reed card for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

Fair Isle Pattern

Pattern width indicators at 0 and 24. Place needle 1 cam at 24 left and point cams width of knitting. Press button 1 (left), 2 (left) and 5 (right). Mark card to knit rows 12 to 31 as shown.



Push all Ns from HP to UWP. Cont in st st. Using MT+I and MC, K 1 row. Cast off.

RIGHT NECKBAND

Push 15 Ns at left and 23 Ns at right of centre 0 to WP. 38 Ns. Using MC, cast on by hand. Set RC at 000. Using MT, K 6 rows. Drop loops off Ns 4, 11, 13 and

20 at right of centre 0. Leave empty Ns in WP. * Cross sts 1, 2 and 3 behind sts 4, 5 and 6 as shown on diagram 3. K 6 rows. Rep from * throughout. K 140 rows. RC shows 152. Drop sts 4, 11, 13 and 20 at right of centre 0 and reform (twist cast-on edge loop around latch tool on first row to make a stitch). Using WY, K a few rows and release from machine.

LEFT NECKBAND

Work as for right neckband but read left for right and right for left.

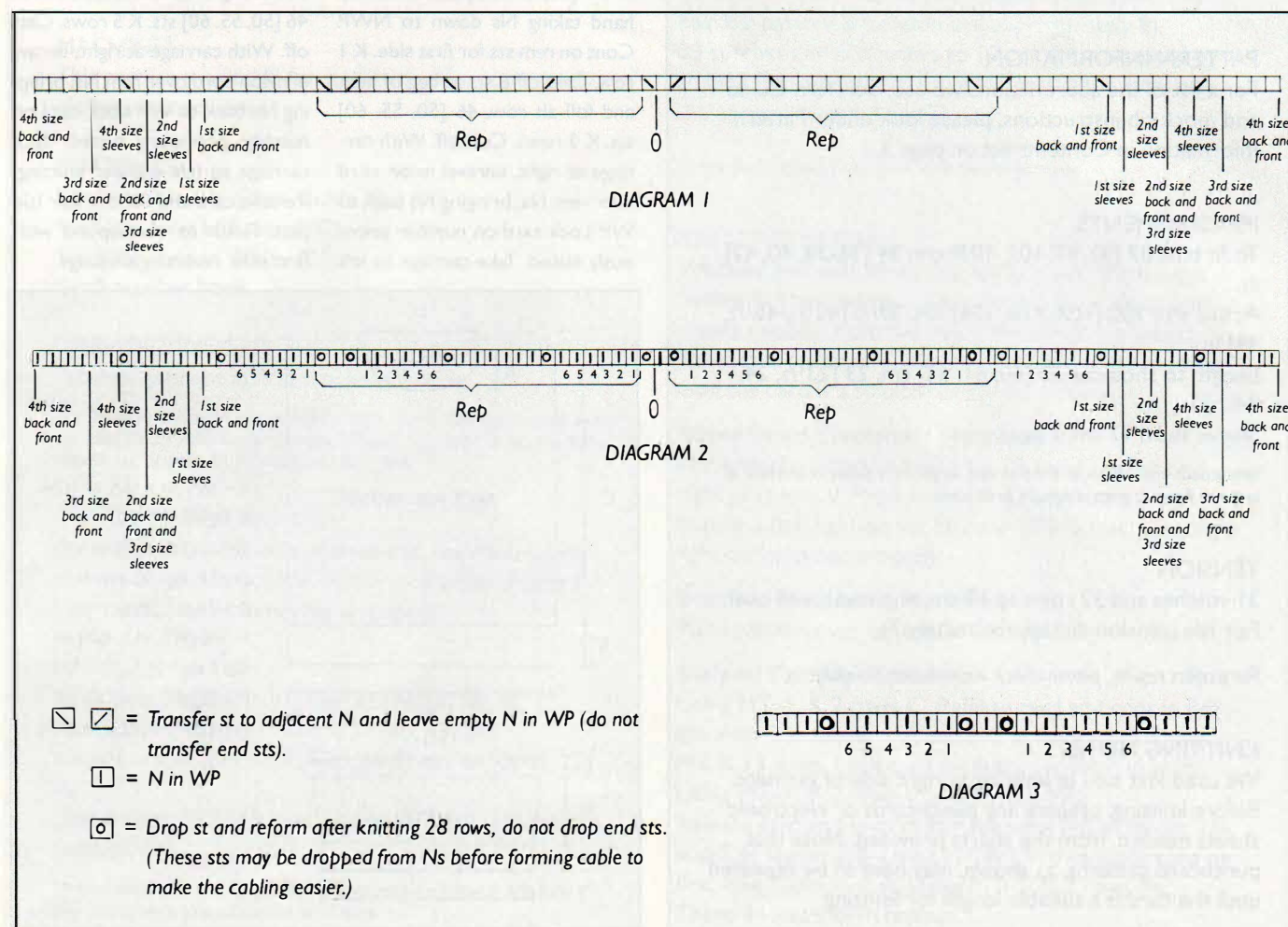
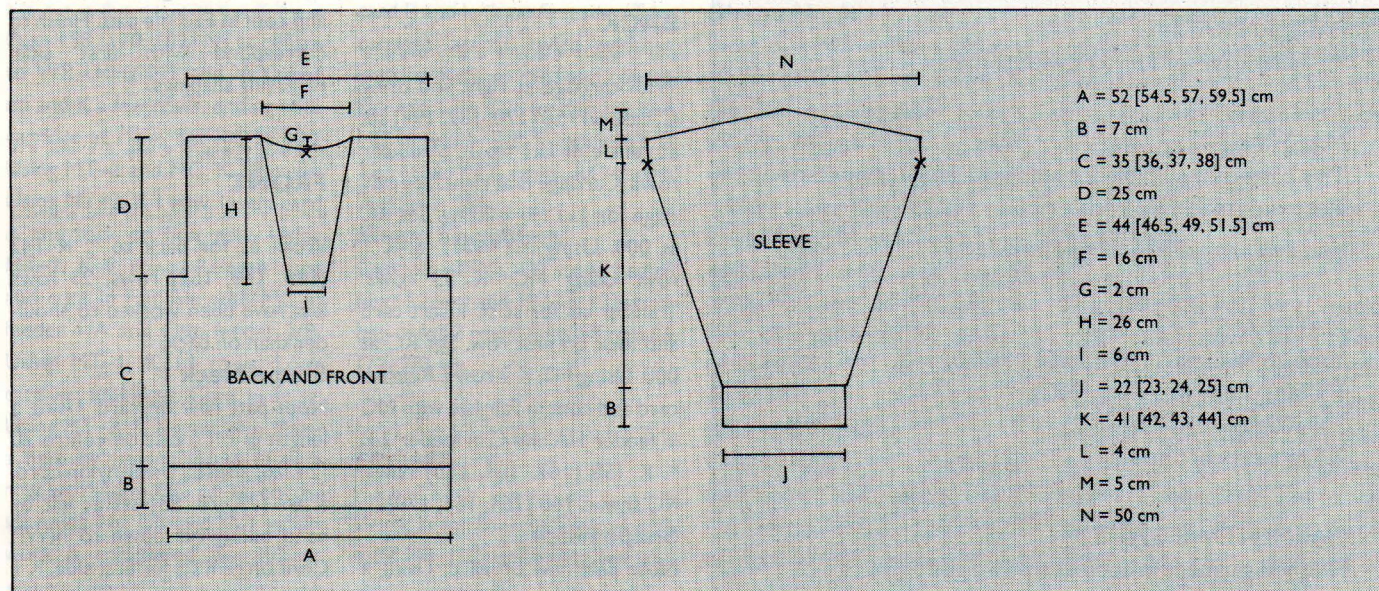
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instruc-

tions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves, sewing rows above markers to cast off sts at arm-hole. Join side and sleeve seams. Graft back neck seam of neckband. Fold in half and sew into position, lapping right over left.



Little arrows

Start knitting your summer wardrobe now! This classic Anne Chapman design is knitted in Yeoman Panama with a very short-float arrowhead design. It's sure to be a winner.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Panama. (Yarn Guide No. 10.)
1 x 500g cone in White (MC).
1 x 500g cone in Royal (C).
2.5 mm crochet hook.

GARMENT WEIGHT

Finished garment in second size weighs 390g.

The fibre content of this yarn is 100% Cotton. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87 [92-97, 102, 107] cm, 34 [36-38, 40, 42] in.

Actual size 100 [108, 116, 124] cm, 39½ [42½, 45½, 49] in.

Length to shoulder 59 [60, 61, 62] cm, 23 [23½, 24, 24½] in.

Sleeve seam 17 cm, 7 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 32 rows to 10 cm, 4 in measured over Fair Isle (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

BACK

With carriage at right and using C, cast on 158 [170, 182, 194] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6/MT-6, K 1 row. Using MC, K 33 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B *. K 158 [162, 164, 168] rows. RC shows 160 [164, 166, 170].

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 42 [46, 48, 50] sts. Using nylon cord, K 58 [62, 67, 72] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 6 sts at beg of next and foll alt row. 46 [50, 55, 60] sts. K 3 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left

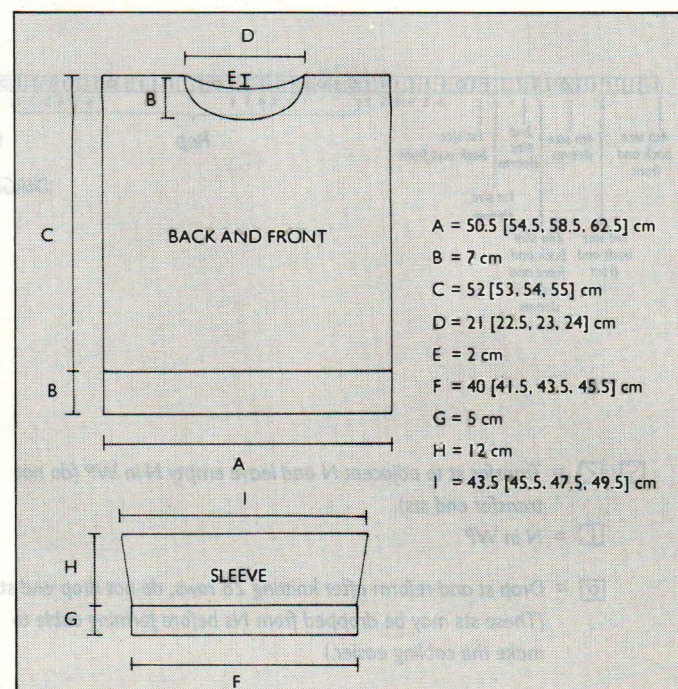
without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 142 [146, 148, 152] rows. 23 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 20 [24, 26, 28] sts. Using nylon cord, K 69 [73, 78, 83] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll 6 alt rows, K 1 row. Dec 1 st at beg of next and foll alt row. 46 [50, 55, 60] sts. K 5 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left





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D5

Little arrows

◀ 40

SLEEVES

With carriage at right and using C, cast on 124 [130, 136, 142] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6/MT-6, K 1 row. Using MC, K 23 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 136 [142, 148, 154] sts. K 6 rows. RC shows 39. Cast off.

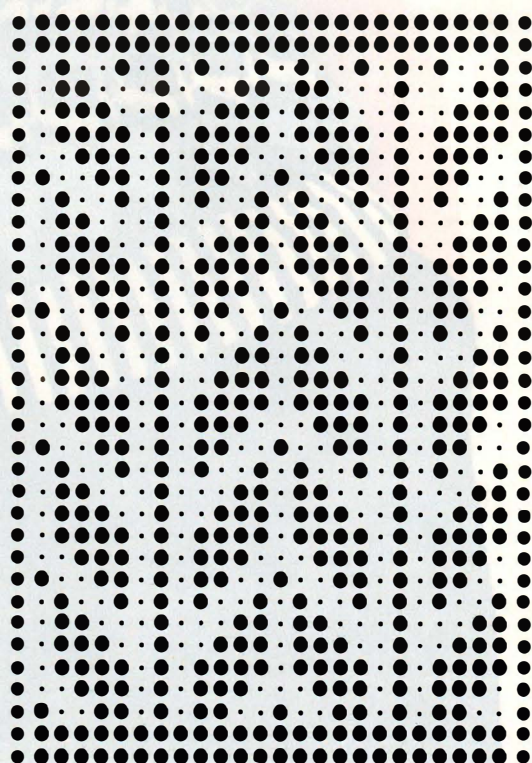
Set carriage for full needle rib/double rib knitting. Set RC at 000. Using MT-3/MT-3, K 1 row. Using MC, K 15 rows. Using MT-4/MT-4, K 14 rows. Using MT-2/MT-2, K 10 rows. Transfer sts for st st. K 1 row. Using MT+3, K 1 row. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams. Sew collars into position with ends at centre back and centre front. Using crochet hook and 2 strands of C, work 1 row of dc along side edges of collars.



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In classic mood

A simple cardigan from the Silver Reed International Collection. It will happily be as smart or casual as the accessories you choose.

BACK

With carriage at right and using MY, cast on 65 [71, 77] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 10 rows. Transfer sts for st st. Set RC at 000. Using MT, K 47 rows. Place marker at each end. K 25 rows.

Shape Neck

Push 46 [49, 52] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge on every row until 16 [19, 22] sts rem, then on every foll alt row until 13 [16, 19] sts rem. K 2 rows. Dec 1 st at neck edge of next row. 12 [15, 18] sts. K 3 rows. Using WY, K a few rows and release from machine. With carriage at right, push 27 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

RIGHT FRONT

With carriage at right and using

MY, cast on 35 [38, 41] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 6 rows. Counting from left edge, make a buttonhole over Ns 3 and 4. K 4 rows. Transfer sts for st st. **Set RC at 000. Using MT, K 13 rows. Make a buttonhole over same Ns as before. K 17 rows. Make a buttonhole over same Ns as before. K 17 rows. RC shows 47. Place marker at right edge. Make a buttonhole over same Ns as before. K 17 rows. K 1 row less for left front. Make a buttonhole over same Ns as before.

Shape Neck

Using nylon cord, K 11 sts at left by hand, taking Ns down to NWP. K 1 row. Cast off 2 sts at beg of next and foll alt row. Dec 1 st at neck edge of every row until 18 [21, 24] sts rem, then on every foll alt row until 13 [16, 19] sts rem. K 2 rows. Dec 1 st at neck edge of next row. 12 [15, 18] sts. K 4 rows (5 rows on left front). Using WY, K a few rows and release from machine. Unravel nylon cord over rem 11 sts, bringing Ns back to WP. Using WY, K a few rows and release from machine **.

LEFT FRONT

Work as for right front to *, omitting buttonholes. Work as for right front from ** to **, reversing shapings by reading left for right and noting alteration in number of rows worked and omitting buttonholes.

SLEEVES

Using MY, cast on 64 sts by hand. Set RC at 000. Using MT, shape sides by dec 1 st at each end of every 4th row until 42 sts rem, then on every foll 5th row until 36 sts rem. K 4 rows. RC shows 63. Using WY, K a few rows and release from machine.

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for Silver Reed 9 mm chunky machines with a ribber.

If you don't have a ribber, work ribs in mock rib or knit by hand or use latch tool method.

MATERIALS

The original yarn used for this design is not available in this country, but we suggest your own choice of Extra Thick Yarn. (Yarn Guide No. 19.)

Approximately 500 [550, 600]g in Blue (MY).

6 buttons.

Crochet hook.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.

Actual size 105 [115, 125] cm, 41 1/2 [45 1/2, 49 1/2] in.

Length to shoulder 63 cm, 25 in.

Sleeve seam 48 cm, 19 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

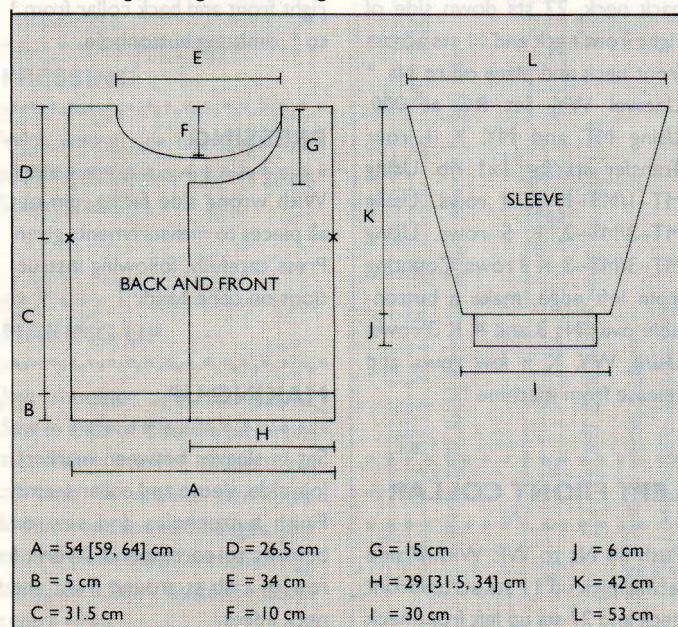
TENSION

12 stitches and 15 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.



Welcome to machine knitting

FAIR ISLE

Make yourself a cup of coffee and then sit down for a really good read. Hazel Ratcliffe will certainly give you the Fair Isle bug, so choose your colours and knit a sweater now.

In the last issue we looked at stocking stitch and found that, surprisingly, there is quite a lot to say about it. If, by chance you missed the last instalment of these articles I would recommend that you read it as you will find some useful information which applies to Fair Isle too.

WHAT IS FAIR ISLE?

Fair Isle is two- or more colour knitting and for the purposes of machine knitting it applies only to single bed knitting. Jacquard knitting is two- or more colour knitting using a double bed facility. Very basic knitting machines are capable of a certain amount of Fair Isle, although it is usually hand selected and quite a slow

process. However for owners of these machines it is still worth the effort if only a few rows are involved.

SEMI AUTOMATIC MACHINES

These have some patterning facilities and although they are much slower than the punchcard and electronic machines, their systems have the advantage that the operator very soon becomes quick and accurate in their use. So if a range of useful patterns are used regularly then pleasing results can be achieved in a very short time. It is also true to say that there is a great deal of satisfaction to be gained from using these types of machine as the

operator feels completely in control and you can almost 'improvise' as you go along. I personally enjoy a spell on one of these older but very reliable machines.

PUNCHCARD MACHINES

Once you are in the realms of punchcard machines then you are into automatic patterning and everything becomes so much easier and faster. The scope is wider and once you understand your machine as far as the basic procedures are concerned, then you can spend some time seeing just what you can do with your punchcards.

ELECTRONIC MACHINES

With these the scope for patterning is even wider. However, all the basic principles applying to Fair Isle are the same whichever machine is used, so here we go.

STOCKING STITCH

Fair Isle is stocking stitch, the only difference being that you are using more than one colour in a row. The basic knitting techniques do not alter so far as casting on and off, increasing and decreasing are concerned but there are a few refinements which will give neater results and

◀ 45

In classic mood

CUFFS

With carriage at right and using MY, cast on 26 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 12 rows. Transfer sts for st st. With P side of sleeve facing, replace sts on to Ns, gathering evenly. Unravel WY. Using MT+2, K 1 row. Cast off.

TO JOIN RIGHT SHOULDER

Push 12 [15, 18] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With

P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+2 and MY, K 1 row. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder, reading left for right.

RIGHT FRONT AND BACK COLLAR

Push 93 Ns to WP. With P side facing, pick up 14 sts down left side of back neck, 27 sts across

back neck, 14 sts up right side of back neck, 27 sts down side of right front neck and 11 sts across front neck and place on to Ns. * Unravel WY. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT-1/MT-1, K 4 rows. Using MT-2/MT-2, K 5 rows. Using MT-3/MT-3, K 3 rows. Counting from left edge, make a buttonhole over Ns 3 and 4. K 3 rows. Using WY, K a few rows and release from machine *.

LEFT FRONT COLLAR

Push 38 Ns to WP. With P side facing, pick up 11 sts across front neck and 27 sts up left front neck

and place on to Ns. Work as for right front and back collar from * to *, omitting buttonhole.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side, sleeve and collar seams. Finish buttonholes and sew on buttons to correspond. Work 1 row of crab st around front and neck edges.

we will come to them as we go along.

TENSION

As always, tension does have to be mentioned and it goes without saying (but I'm saying it anyway!) that a tension swatch is necessary, just as it is with any other stitch type. Generally speaking, Fair Isle knitting will require one full tension number higher than the same yarn would require in plain stocking stitch. This is to accommodate the patterning and keep the fabric soft. If, therefore, you have a sweater with Fair Isle back and front and plain sleeves then, yes you've guessed it, you need two swatches — one in plain stocking stitch perhaps at T6 and one in Fair Isle, using the pattern you intend to use for your garment at possibly T7.

FOR A BORDER OR BAND

If the Fair Isle is limited to just a small border pattern or a few rows somewhere in the body of the garment say, or at the top of the sleeves, then a separate tension swatch is not really necessary. If you just knit the Fair Isle at one number higher than the stocking stitch it will usually be all right. You will have some idea as to how high you need to put the dial, since you will more than likely have tried the Fair Isle pattern out first anyway. If you are following a written pattern then there is usually some guide as to tension changes.

YARNS FOR FAIR ISLE

Some yarns produce better results than others. As a rule you need two yarns of the same thickness and type but, having said that, there is always the exception and some wonderful results can be achieved by mixing what might appear to be strange combinations of yarns. All that, though, is for later when you are

thoroughly familiar with your machine and its patterning. For the present, two yarns of similar thickness and texture are best. Soft yarns give better results on the traditional Fair Isle sweaters but, if you are knitting skirts or perhaps an over-jacket, then for the skirts a harder, shiny yarn may well be more suitable and for the jacket a firmer more weather proof yarn would be better than a soft acrylic, for example. Be guided by the type of garment you are wanting to produce. Do check for colour fastness. It is no fun to spend hours on a lovely sweater only to ruin it in the wash. If you are knitting with, say, Shetland yarn, then the colours are going to run and so you need to wash it in a special cold water wash of which there are several excellent brands available, well worth the cost and effort. Shetland yarn has so many beautiful colours and produces such a lovely warm fabric, most of all in Fair Isle.

JUST A THOUGHT

It might be that for your first efforts you decide to buy a very inexpensive acrylic yarn and that is fine. Choose an easy pattern — a good idea is to knit a child's garment first. It does not take so long as a larger size, does not take up much yarn and there are lots of children's patterns that are fun to knit. Feature anything from ducks to dinosaurs and there will always be a child to fit the garment, so you need not concentrate too much on the actual sizing at this stage. However, do keep in mind that once you are happy in your use of the pattern facility, it does not take any longer to knit a Fair Isle garment in a good quality natural fibre than it takes to knit it in a cheap acrylic. The finished result in the natural fibres will look so much better, it will be warmer and it will last so very much longer. If you are putting extra effort into choosing your colours, punching or drawing out patterns, changing colours and so on, isn't it better to know that you will have

the results of your efforts for a long time? I think so!

PATTERNS

By patterns, I mean the surface design and not the shape of the garment. There are so many to choose from that it can be quite bewildering and of course you can design your own cards and sheets too. Designs are not limited to machine knitting patterns, there are hundreds to be found in hand knit designs, cross stitch designs and in all manner of places from the Sunday supplement to the High Street shops. We all become an embarrassment to our family and friends as we mentally try to fit everything we like into 24 stitches or whatever repeat of pattern our machine affords us!

GARMENT SHAPE

For starters, keep the shape as simple as possible. Four squares

is ideal and although you might very soon get fed up and want to add some shaping refinements, it is still true to say that many Fair Isle patterns are shown off best by the use of simple straight line garment, with dropped shoulders and straight sleeves. The choice is yours and you will soon get an 'eye' for what will look best.

PATTERN MATCHING

This need not be a major concern on your first few garments and indeed, if you examine knitwear in the shops, I'm sorry to say that even some of the very expensive knitwear has not been carefully matched when it was assembled. However, you will very soon reach the point where you want to add refinements and have your garment looking as professional as possible. One of the first concerns then is the matching of the pattern at the sides. On some small Fair Isle patterns it hardly matters, but on

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the larger designs, especially geometric designs, then it does matter. Moreover, on such things as children's patterns, where perhaps you have a row of elephants, then it becomes even more noticeable. It is not nice to have the last elephant in the row with a trunk where its tail should be and this sort of situation can be easily avoided.

ALTERNATIVES

There are three main ways of dealing with the pattern matching and at this stage I should say that these instructions apply to the punchcard machines. The electronic machines can be programmed to deal with the pattern matching and each machine has its own system.

THE FIRST METHOD

This method is probably the easiest but cannot always be used. If for example (and we will stay with the elephants for ease of description) you have to cast on an amount of stitches that will give you just four stitches short of two complete patterns, then you can cast on those extra stitches to allow you to have complete patterns (allow a couple of extra stitches for sewing up) and those few extra stitches will not make a great deal of difference to the finished garment. If the pattern is a border pattern you can get rid of extra stitches by decreasing them evenly over a few rows after the pattern section is complete.

THE SECOND METHOD

This can be done by moving your working area on the machine so that you get the maximum benefit from the pattern area. You will see on the bed of your machine that there are symbols marking out the pattern area and that each span of 12 and 24 needles is marked with one of these symbols. If, then, instead of casting on over the centre of the needle bed, you cast on with these symbols in mind, you can make the

best use of the pattern area. This system only causes a headache if you are also using your Knit Radar facility, for then you have to do some planning!

THIRDLY

For this final way you would use your single motif facility to shut off any extra bits of pattern which you did not require. If for example you had two elephants and two bits of elephants then you could use the single motif facility to shut off the extra bits so that the edges of the garment are plain and you just have two neat and tidy complete elephants in the centre. You may wish to shelve this method until after the next issue, when we will be looking at single motif knitting.

COLOUR IN FAIR ISLE

Some of us have a natural talent when it comes to selecting and using colours together, while others are like me and have to work very hard at it and generally rely on the talents of other people to guide them. There is no shame in copying other people's colour selections and if you see a colour combination that you like, make a note of it. If I see an advertisement or a picture of a garment with colours that attract me, I hang on to it, often pinning it on to my knitting notice-board, so that it is there when the opportunity arises for me to use it. So often colours that would seem impossible together, do wonderful things when they are actually used in a design.

THREE COLOURS

A very well known designer once said to me 'Hazel, for something to be really smart it has to have three colours'. At the time she was wearing a classic style knitted suit which was to all intents and purposes grey and white but, on closer examination, I could see that just the cast on rows on each piece of the garment were black. Believe me it made all the difference and it is a tip I have

never forgotten.

EXTRAS

There are many ways of adding that bit of extra colour after the Fair Isle is finished. The elephants can have blue eyes, the cat can have white whiskers, Swiss darned, embroidered or appliqued, all fun to do, not much trouble and well worth the effort. Buttons and beads, sequins, whatever you like are all to be considered before you declare the garment finished.

SHAPING IN FAIR ISLE

Having said that a simple style of mostly straight lines is the easiest and often the most suitable for Fair Isle, there are of course always times when shaping is necessary. Usually fully fashioned shaping is out because it makes a strange edge to the pattern and is wasted where the shape is concerned. A simple decrease is quite sufficient but for an extra neat edge try this. Take the second stitch from the end and transfer it to the end stitch and then transfer both stitches back to the second needle in. One empty needle is now at the end to go back to the non working position.

CASTING OFF

If you have several stitches to cast off, say for example at the beginning of the armhole shaping, try to take each colour along with you as you come to it. You might cast off three with red and then six with blue depending upon where the yarns fall. If there is a long gap between yarns it is sometimes better to break one yarn and then thread up again. Make sure that you rethread correctly, it is no fun knitting across only to find that the second colour has vanished!

INCREASING

The same rules apply as for stocking stitch, but if you have problems with the stitch picking

up then work as for a fully fashioned increase, it is worth the effort. If you have to cast on extra stitches, do bear in mind that when your machine is set for Fair Isle, any needle that is out in the holding position will knit in the second colour. Selecting the end needle out to the holding position at the beginning of each row on Fair Isle knitting, especially on a large pattern, will give you a neat edge to your knitting.

FAIR ISLE FLOATS

These are the bane of every Fair Isle knitter and they cannot really be avoided. They can be woven in afterwards by various sewing techniques, they can be covered by a lining or an iron-on fabric and also there is a coating powder which bonds them together but all of these methods have their limitations.

NATURAL FIBRES

Another plus to using natural fibres for your Fair Isle knitting is that they can be pressed and this pressing helps to keep the floats flat and less troublesome. If it is a big design you can sometimes introduce an extra contrast colour stitch between designs, which helps to minimise the floats. Having said all of that, I sometimes feel that we get far too worked up about the inside of the garment. Apart from taking care when putting the garment on and taking it off (especially where the very young or the elderly are concerned), the floats do not really cause any problems.

FINALLY

As with any knitting technique, we learn as we go along and no matter how many swatches we do, how many samples we try, there is no substitute for actually making a complete garment. It is only then that we learn what works and what does not and each time we make a Fair Isle garment we learn something. Fair Isle is fashionable and it is fun... make a start.



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May competition

£300 of Denys Brunton Yarns to be won in our easy-to- enter competition

We are also offering ten runner-up prizes of a year's subscription to *Modern Machine Knitting* and ten further runner-up prizes of binders to keep a whole year's copies in. So, get your thinking caps on now



Denys Brunton Designer Yarns are internationally famous – and justifiably so. Now we can offer you the opportunity to win a selection of these lovely yarns in our easy competition. There's a first prize of £100-worth of yarn to be chosen from the many ranges, plus four second prizes of £50-worth each.

The selection from which you may choose includes Magicolour 4-ply, 100% Acrylic De-lux 4-ply, Denfine and Neon, Duet All-that-Jazz – an Acrylic and Nylon which knits as Chunky, Loopy-Lou Chunky and Chique. Within these many ranges there are a host of great fashion colours from which to make your selection.

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WOOD

1. You should print your answers clearly on a postcard or on the back of an envelope together with your name and address and send it to May Competition, *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.
2. The competition is open to residents in the UK only, except employees of Modern Knitting Ltd., the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.
3. Your entry must reach us by 31st May 1994 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first correct entries drawn from our postbag after the closing date.
6. The winners will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

December competition winners

Judging by our bulging postbag everyone must have fancied the superb Silver Reed 280 Punchcard machine for an extra Christmas present last year.

Mrs Elizabeth Dickson of Kirkcaldy and J. C. Symons of Blackmill, who will all receive a year's subscription to *Modern Machine Knitting*.



Child's easy sweater

A simple style and comfortable fit are essential for today's children's wear. This easy-to-knit sweater in Yeoman Panama, designed by Barbara Tobias, is an ideal first Fair Isle project.

BACK

With carriage at right and using MC, cast on 116 [124, 130, 138] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6/MT-6, K 26 rows. Transfer sts for st st *. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Set RC at 000. Using MT, K 138 [144, 150, 156] rows. Push 32 [36, 37, 41] Ns at left and right to HP. Using WY, K a few rows in st st over rem 52 [52, 56, 56] sts and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to *. Insert card back to front and lock on 4th row (electronic machines see Note and lock on 4th row). Take carriage across twice without knitting. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. Set RC at 000. Using MT, K 118 [124, 130, 136] rows. 20 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 71 [75, 79, 83] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 32 [36, 37, 41] sts rem. K 7 [7, 6, 6] rows. Using WY, K a few rows in st st and release from machine. With car-

riage at right, unravel nylon cord over 26 [26, 28, 28] Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 62 [64, 68, 72] sts at centre in 1x1 rib. Work as for back from * to *. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every row until there are 74 [80, 84, 88] sts, then on every foll 3rd row until there are 102 [108, 112, 116] sts, then on every foll 5th row until there are 126 [132, 138, 144] sts. K 4 [2, 3, 4] rows. RC shows 112 [112, 118, 124]. Cast off.

TO JOIN RIGHT SHOULDER

Push 32 [36, 37, 41] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and C, K 1 row. Cast off.

NECKBAND

Push 132 [132, 138, 138] Ns to WP. With K side facing, pick up

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Panama. (Yarn Guide No. 10.)

1 x 500g cone in Blue (MC).

1 x 500g cone in Red (C).

GARMENT WEIGHT

Finished garment in first size weighs 280g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this yarn, please write to the following address: Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 61 [66, 71, 76] cm, 24 [26, 28, 30] in.

Actual size 73 [78, 82, 87] cm, 29 [31, 32½, 34½] in.

Length to shoulder 49 [51, 52.5, 54.5] cm, 19½ [20, 20½, 21½] in.

Sleeve seam 41 [41, 42.5, 44.5] cm, 16 [16, 17, 17½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 32 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on).

Back and Sleeves: Press button 2 (left light on for 580 and SK840 machines, right light on for other models).

Front only: Press button 2 (right light on for 580 and SK840 machines, left light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

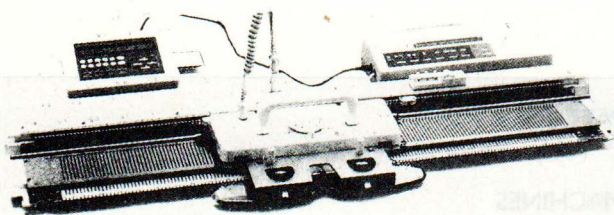
Front only: Reverse switch 1.

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Child's easy sweater

◀ 53

132 [132, 138, 138] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT-I and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-6/MT-6, K 26 rows. Transfer sts for st st. Using MT-I, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

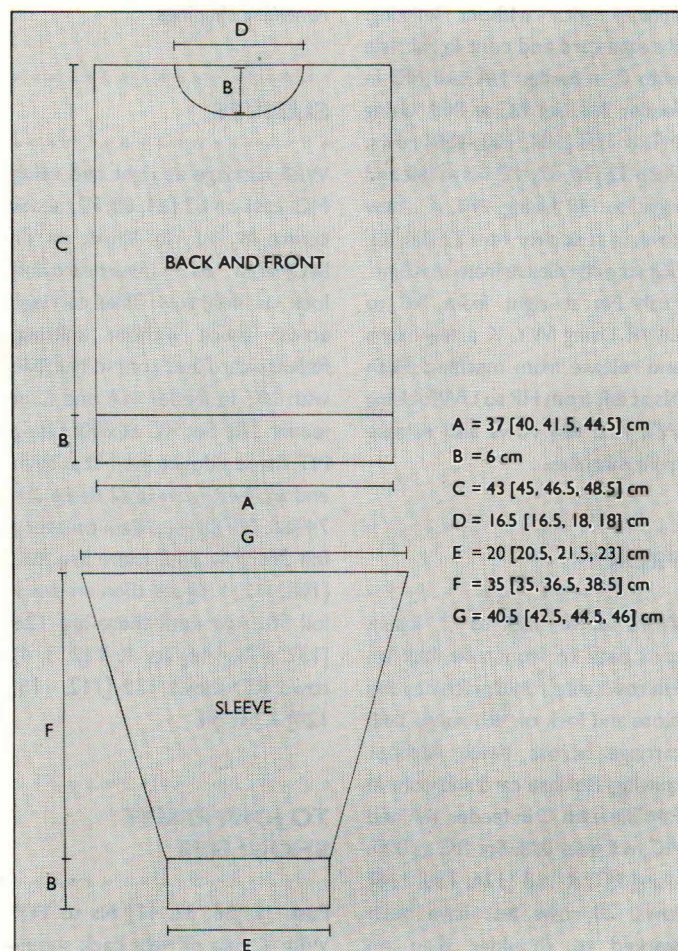
With wrong side facing, pin out all pieces to measurements given. Steam carefully and allow to dry in shape.

MAKING UP

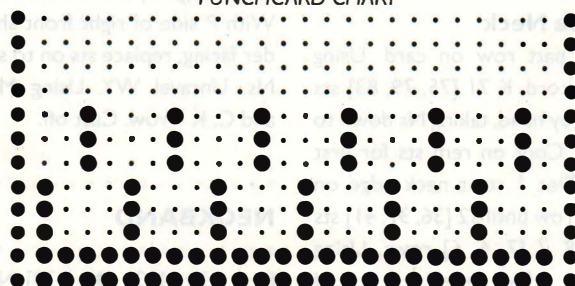
Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.

TO JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.



PUNCHCARD CHART



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Slip into cotton

Gail Miller looks forward to summer in this unusual slip stitch and Fair Isle design knitted in Yeoman Panama.

BACK

 Push 158 [166, 172, 180, 188, 196] Ns at centre to WP. Insert card 1 and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 1 row. Do not release card. Cont in Fair Isle with MC in feeder 1/A and A in feeder 2/B. Using MT-5, K 36 rows. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. K 1 row. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Set RC at 000. Using MT, K 1 row. Release card and cont in Fair Isle with B in feeder 1/A and MC in feeder 2/B. K 12 rows. Remove card. Insert card 3 and lock on first row. Cont in st st. Using B, K 1 row. Set RC at 000. Release card and cont in slip st patt 3. K 170 rows. Place marker at each end.

Shape Armholes

Dec 1 st at each end of every 3rd row until 138 [146, 152, 160, 168, 176] sts rem *. K 120 [120, 126, 126, 132, 132] rows. RC shows 320 [320, 326, 326, 332, 332]. Place marker between sts 27 and 28 at left and right of centre 0. Cast off.

FRONT

 Work as for back to *. K 40 [40, 46, 46, 52, 52] rows.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 30 sts. Using nylon cord, K 54 [58, 61, 65, 69, 73] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every alt row until 42 [46, 49, 53, 57, 61] sts rem. K 56 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Panama. (Yarn Guide No. 10.)

1 x 500g cone in Black (MC).

1 x 500g cone in Cream (A).

1 x 500g cone in Blue (B).

GARMENT WEIGHT

Finished garment in second size weighs 470g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87 [92, 97, 102, 107, 112] cm, 34 [36, 38, 40, 42, 44] in.

Actual size 104 [109, 113, 118, 124, 129] cm, 41 [43, 44 1/2, 46 1/2, 49, 51] in.

Length to shoulder 58 [58, 59, 59, 60, 60] cm, 23 [23, 23 1/2, 23 1/2, 24, 24] in.

Sleeve seam 5 cm, 2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 65 rows to 10 cm, 4 in measured over slip stitch pattern 3 (tension dial approximately 9).

30 stitches and 37 rows to 10 cm, 4 in measured over Fair Isle pattern 4 on MT-2 (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the parts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0.

Fair Isle Patterns

Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Slip Stitch Pattern

Press button 1 (right light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

Fair Isle Pattern 4

K 4 rows MC/B, 1 row MC only (st st), 4 rows MC/A and 1 row MC only (st st). These 10 rows form pattern.

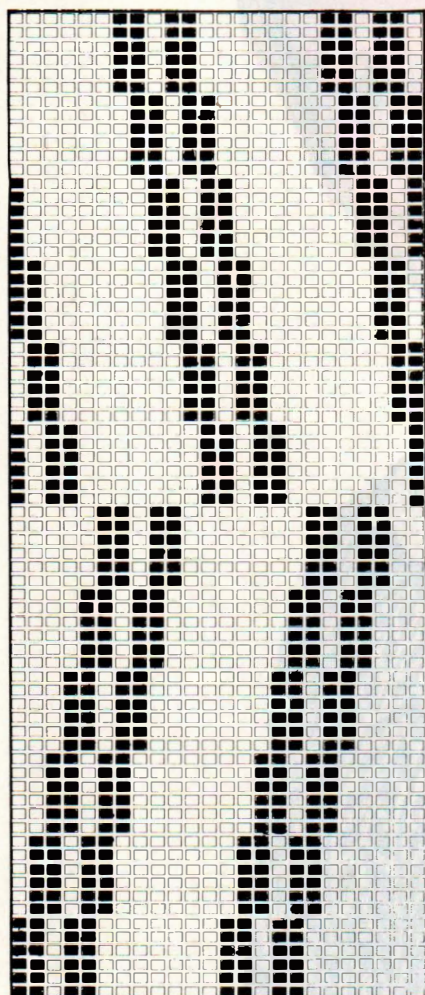
Slip Stitch Pattern 3

K 8 rows B, 8 rows MC, 8 rows A and 8 rows MC. These 32 rows form pattern.



8 Slip into cotton

◀ 56



ELECTRONIC CHART 3

Release card and cont in slip st patt. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 138 [138, 144, 144, 150, 150] Ns at centre to WP. Insert card 1 and lock on first row. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 1 row. Do not release card. Cont in Fair Isle with MC in feeder 1/A and A in feeder 2/B. Using MT-5, K 20 rows. Remove card. Insert card 4 and lock on first row. Cont in st st and MC. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Set RC at 000. Using MT, K 1 row. Release card and cont in Fair Isle patt 4. Using MT-2, K 8 rows. Place marker at each end.

Shape Top

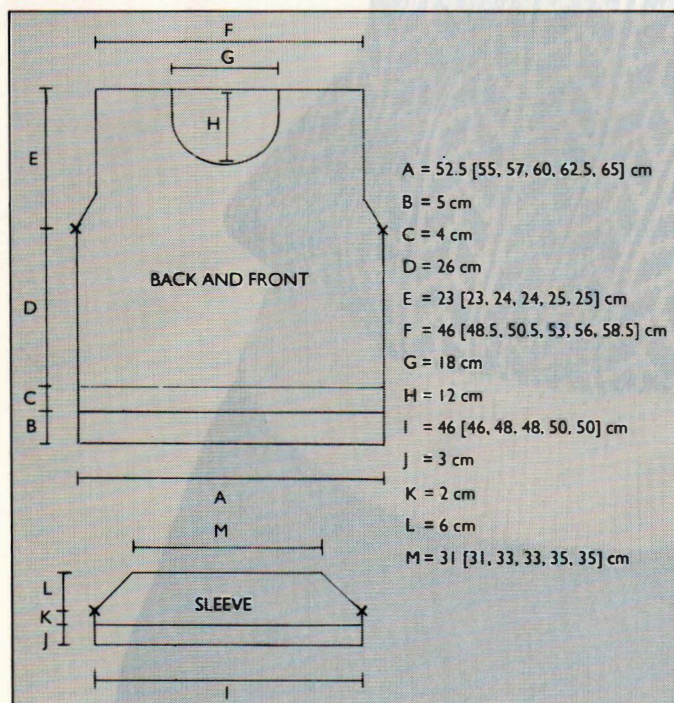
Dec 1 st at each end of next 22 rows. Cast off rem 94 [94, 100, 100, 106, 106] sts.

NECKBAND

With carriage at right and using MT-5/MT-5 and MC, cast on 190 sts at centre in 1x1 rib. K 2 tubular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Set RC at 000. K 50 rows. Transfer sts for st st. Insert card 4 and lock on first row. Take carriage across twice without knitting. Using MT-2, K 1 row. Release card and cont in Fair Isle with B in feeder 1/A and MC in feeder 2/B. K 4 rows. Cont in st st and B. Using MT+3, K 1 row. Using WY, K a few rows and release from machine.

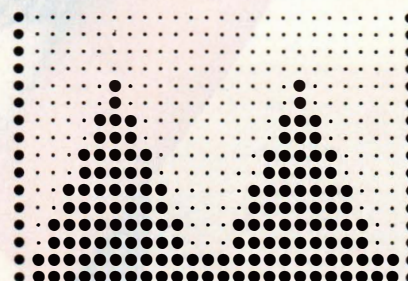
MAKING UP

Place a ruler through hems and give a sharp pull downwards, this pulls the hem inwards. Join shoulder seams. Set in sleeves. Join side, sleeve and neckband seam. Pin neckband into position with seam at centre back. Unravelling WY as required, backstitch through open loops of last row worked in B. Fold in half and catch down on inside.

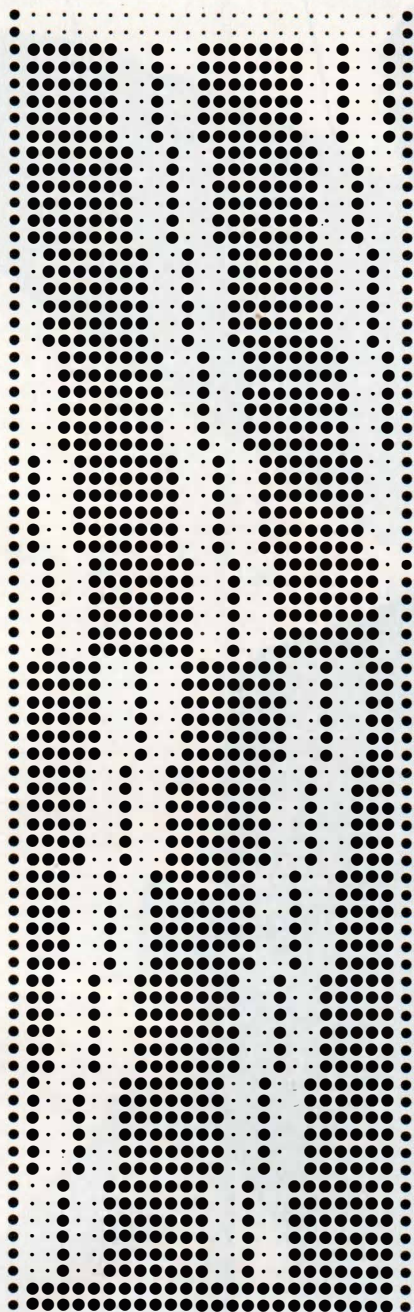


PUNCHCARD 1

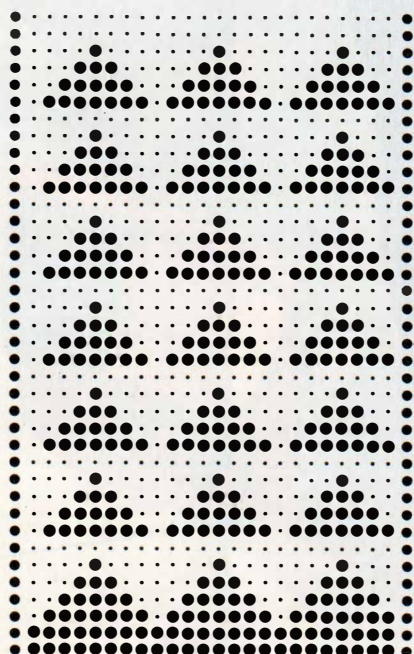
On a blank card, punch 2 rows of holes as usual, then punch this row.



PUNCHCARD 2



PUNCHCARD 3



PUNCHCARD 4

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MOD 5/94 (D4)



All square

Squares are the theme of this clever design but they make an attractive sweater in shades of blue that's definitely not for squares!

BACK

Using MC, cast on 182 [188, 194, 200] sts at centre by hand. * Using MT-4, K 7 rows. Transfer sts for 2x2 rib. Set RC at 000. Using MT-7/MT-7, K 8 rows MC, 2 rows A, 2 rows MC, 2 rows B and 7 rows MC. RC shows 21. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT and MC, K 4 rows. Release card and cont in Fair Isle patt *. K 114 [114, 122, 122] rows. RC shows 118 [118, 126, 126]. Place marker at each end *. K 102 rows. RC shows 220 [220, 228, 228]. Push 62 [65, 68, 71] Ns at left and right to HP.

Using WY, K a few rows in st st over rem 58 sts and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to *. K 80 rows. 22 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 106 [109, 112, 115] sts at left by hand, taking Ns

down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every row until 67 [70, 73, 76] sts rem, then on every foll alt row until 62 [65, 68, 71] sts rem. K 3 rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 30 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

Using MC, cast on 86 sts at centre by hand. Work as for back from * to *. Shape sides by inc 1 st at each end of every 3rd row until there are 138 sts, then on every foll 4th row until there are 174 sts. K 2 rows. RC shows 156. Cast off.

TO JOIN RIGHT SHOULDER

Push 62 [65, 68, 71] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoul-

63 ►

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Spectrum Tango. (Yarn Guide No. 11.)

1 x 500g cone in Navy (MC).

1 x 500g cone in Crocus (A).

1 x 500g cone in Denim (B).

GARMENT WEIGHT

Finished garment in second size weighs 415g.

The fibre content of this yarn is 80% Courtelle, 20% Wool. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 102 [107, 112, 117] cm, 40 [42, 44, 46] in.
Actual size 124 [128, 132, 136] cm, 49 [50½, 52, 53½] in.

Length to shoulder 69.5 [69.5, 72, 72] cm, 27½ [27½, 28½, 28½] in.

Sleeve seam 50.5 cm, 20 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29 stitches and 34 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 10).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting. Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

Fair Isle Pattern

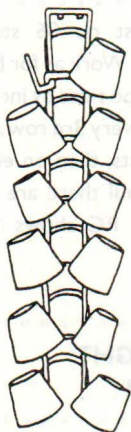
K 5 rows MC/A, 4 rows MC only (st st), 5 rows MC/B and 4 rows MC only (st st). These 18 rows form pattern.

La Riviere



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All square

◀ 61

der facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 144 Ns to WP. with P side facing, pick up 58 sts across back neck, 28 sts down right side of front neck, 30 sts across front neck and 28 sts up left side of front neck and place on to Ns. Unravel WY. Set RC at 000. Using MT-4 and MC, K 1 row. Transfer sts for 2x2 rib. Hang on comb. Using MT-7/MT-7, K 6 rows MC, 2 rows A, 2 rows MC, 2 rows B and 6 rows MC. Transfer sts for st st. Using MT-4, K 6 rows. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder, but read left for right.

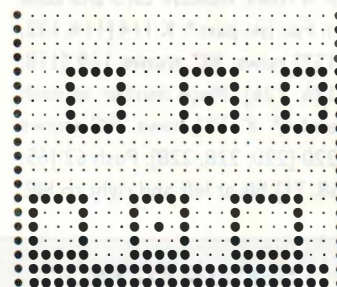
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seams. Allow edges of welts, cuffs and neckband to roll.

PUNCHCARD CHART



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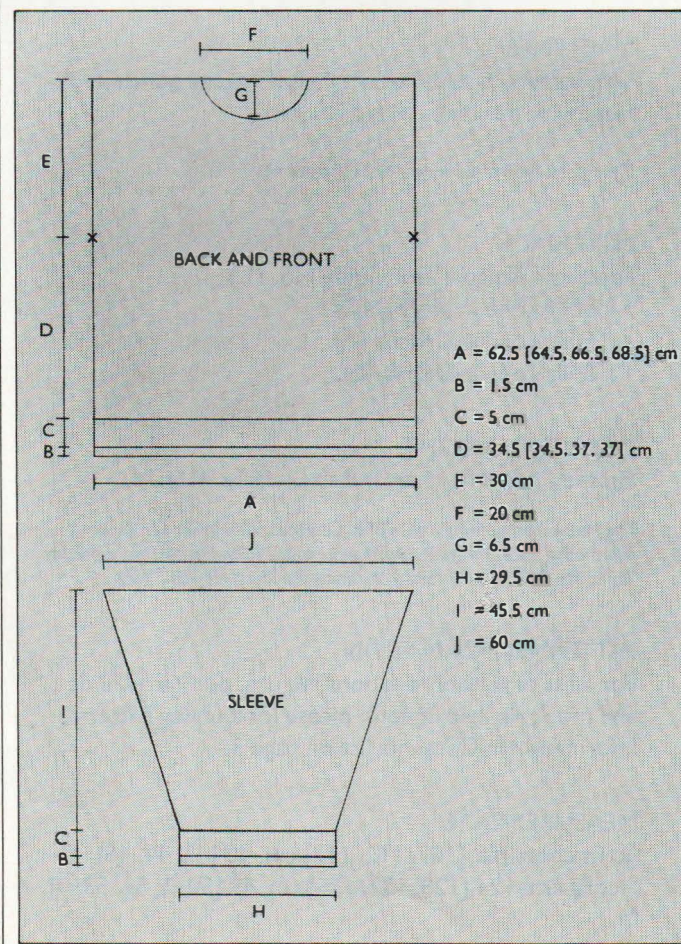
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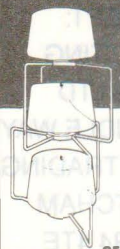
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Classifieds

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LINKER for sale. Minimax, hardly used and good as new, £130 ono. Tel: 061-480 5381 (Stockport).

PASSAP Duo 80, 4-colour changer, Deco. Form computer, punch and blank cards, magazines, vgc, £400 ono. Tel: 0743 232060 (Shrewsbury).

KNITMASTER 580 electronic with PE1 controller. lace carriage, table, £500 ono. Tel: 091-267 3580 (Newcastle Upon Tyne).

KNITMASTER HK160, £75 ono. Ideal machine for beginners, spare needles, blank and used punchcards, manuals, stitch directory, audio tape. Excellent condition, bargain. Tel: 0620 2433 (North Berwick).

TOYOTA KS901S knitting machine, brand new, still in box, books and wool included in price, £275 ono. Tel: 081-977 7922 (Teddington).

KNITMASTER 700K, lace carriage, Fair Isle, weaving, punchcards, patterns, built-in intarsia, Knit Radar, manuals, tools, etc. Gone electronic. Tel: 0900 826484 (Cockermouth, Cumbria).

KNITMASTER 860 electronic double knit machine and Knitmaster electronic 890 chunky machine. Used once, £650 each ono. Tel: 0252 311961 (Farnham).

BONE knitting machine, £50; Knitmaster RT1 transfer carriage, £30; Mary Weaver Technology, 2 ribber and skirt books, £5 each. Tel: 021-588 7008 (West Bromwich).

KNITMASTER LC2 lace carriage, as new, £55. Tel: 0970 47420 (Aberystwyth).

BROTHER chunky 260 with ribber, excellent condition, boxed, £495. Also selection of chunky yarns, including mohair. Tel: 0959 575012 (Biggin Hill).

SINGER electronic motor, £300; Colour changer up to 4 wools, £75; Console with 900 patterns, £400. Fits Singer 624. Tel: 0705 382908 (Porthchester).

KEYTO cabinet and bench, teak colour, as new, £60. Junction 25 M25. Tel: 0992 463199 (Cheshunt).

TOYOTA 787, punchcards, lace carriage, winder and manuals, £90. Tel: 0492 871384 (Llandudno).

KNITMASTER YC6 colour changer. As new, £80; Books - Floatless Fair Isle, £3; skirts Diane Bennett, £3; Card 1 Kate Armitage, £1. Tel: 0905 831800 (Worcester).

KNITMASTER Zippy Plus, punchcards, magazines, wool, instructions. As new, £160. Tel: 0207 542551 (Newcastle).

BROTHER KH830 plus KR830 ribber, lace carriage, instruction manuals, tools, punchcards, £150. Tel: 071-621 5355 (E. London).

BOND Elite knitting machine, boxed. As new, £80; new CalcuKnit, £60. Tel: 081-657 8132 (S. Croydon).

BROTHER KH830 knitting machine, lace carriage, punchcards, instruction books. New, never used, £300. Tel: 0622 730204 (Maidstone).

KNITMASTER 560 electronic, lace carriage, intarsia carriage, mylar sheets, manuals, £400; SRP50, ribber, £120; YC6 colour changer, £90; rib transfer carriage, excellent condition, £20. Tel: 075886 425 (Pwllheli, Gwynedd).

TOYOTA KS950 knitting machine, SimulKnit, punchcard, lace carriage, KR506 ribber, tilt table, books, punchcards etc, £395 ono. Tel: 0252 334502 (Aldershot).

PASSAP Duomatic 80, green, 4 colour changer, Deco, instruction books, motor Electra 3000A, £700. Tel: 0902 339223 (Wolverhampton).

FOR SALE

BROTHER KH881 and ribber KR830 and intarsia, £275; Brother chunky KH230 and intarsia, £75; plus lots of accessories, £20. Tel: 081-549 3494 evenings only (Kingston-upon-Thames).

BROTHER 910 MKII electronic with lace carriage, plus intarsia carriage, full instructions, complete. Excellent condition, £290 ono. Tel: 0621 817614 (Colchester).

BROTHER 260 chunky punchcard model with table, intarsia carriage, still boxed, Knitleader, wool and books. Excellent condition. Tel: 0206 391378 (Essex).

PATTERN programming device PPD110, new, unused, boxed, £285. Tel: 0326 572928 (Cornwall).

KNITMASTER 155 chunky machine, 155 chunky ribber, Knit 90 power motor. Never used, £900 ono. Tel: 0252 710484 after 7.30pm (Farnham).

KNITMASTER 326, ribber, table, linker, transfer carriage, punchcards, books. Excellent condition, £350; chunky 155 ribber, intarsia carriage, radar, table, books, £450. Tel: 0377 236305 (Driffield).

TOYOTA KS901 knitting machine, ribber, not used, intarsia carriage, punchcards, tuition book, wool winder, table, wool cones, £300. Tel: 0932 567653 (Shepperton, Middx).

KNITMASTER line gauge KH370 with ribber YC5 colour changer, lace carriage, pop punch. As new, £500. Tel: 0942 57870 (Wigan).

RAPIDEX knitting machine "320" model (2x160), 2 beds, cams, instruction book, £60. Tel: 0244 532653 (Clwyd).

KNITMASTER 326, £50; Knitmaster ribber SRP50, £150; various accessories. Tel: 0636 892886 (Newark).

ELECTRIC Hague linker, vgc, £175; Brother 881, £200; Knitmaster SRP50 ribber, £75 or near offers; Keyto cabinet, £75. Tel: 0904 470309 (York).

950i ribber, colour changer, lace transfer carriages, Knitleader, PPD, diskdrive, printer, light, videos, disks, cabinet, bench. Many extras, £1,000. Tel: 0908 604716 (Milton Keynes).

KNITMASTER 326 ribber, intarsia carriage, Knit Radar and table, £260. Tel: 0694 751378 (Shropshire).

PASSAP Duo 80, 4 colour changer, U70 Forma manuals, vgc, £495; Keyto cabinet available if required. Tel: 0756 793308 (Skipton).

GARTER carriage KG89II, Brother recently serviced, £150; New Home ironing press, hardly used, £100. Tel: 021-783 3864 (Birmingham).

BROTHER KR850 ribber, £150; DB830 colour changer, £50; intarsia carriage, £20; 710 knitting machine, £45; intarsia yarn brake £8. All vgc. Tel: 0474 832389 (Gravesend, Kent).

BROTHER 910 electronic lace carriage, mylar sheets, table, £300 ono. Tel: 0706 874848 (Bacup, Lancs).

BROTHER KH891 Knitleader lace carriage plus extras, £230. Tel: 0530 243179 (Leicester).

BROTHER KH836, punchcard, Brother KR850 ribber, lace carriage, table, punch and punchcards plus magazines, £275. Tel: 0279 433364 (Harlow).

TOYOTA knitting machine and ribber, lace carriage. Good condition, £250. Tel: 0932 851739 (Addlestone).

FOR SALE

JONES Brother KH800, lace carriage K586, ribber, manuals, good working order, pattern book, £90 or £50 each. Tel: 081-800 0589 (North London).

BROTHER PPD110, 120 cartridge and disk drive, £425 ono. Will split. Tel: 0332 811062 (Derby).

KNITMASTER, Zippy De-Luxe punchcard machine, excellent condition, punchcards, manual, video and books, lace carriage, rib transfer carriage, automatic linker, latter 3 all boxed, as new, £275 ono. Tel: 0424 730546 (Bexhill on Sea).

KNITMASTER Knit Radar, KR6, £30; colour changer YC5, unused, £30. Tel: 0202 604604 (Poole).

KNITMASTER 360 with lace carriage, punchcards, radar, table, pattern books, vgc, £250. Tel: 0740 620927 (Teeside).

TOYOTA chunky 610 with ribber, table, wool, immaculate condition, £275. Tel: 0752 401616 (Plymouth).

BROTHER electronic 910 MKII, hardly used, with Diane Bennett tape and book, £250. Tel: 047470 8693 (Dartford, Kent).

BROTHER 965 electronic plus video, immaculate condition, £600; Brother convertible KX390 plus video, immaculate condition, £65. Tel: 0946 64434 (Whitehaven).

BROTHER single bed colour changer, £45; garter carriage, KG89, for punchcard/electronic, £150. Tel: 081-551 2742 (Ilford, Essex).

KNITMASTER Zippy De-Luxe plus ribber, lace carriage, transfer, rib carriage, SC3 linker, electric wool winder, table, light, books, yarn, many extras, £400. Tel: 0788 810687 (Rugby).

BROTHER linker, model KA8310, unused, £45. Tel: 0487 812149 (Ramsey, Cambs).

PASSAP Duo 80, transfer lock, U70, stand, 4 colour changer also JAC, punchcards, instruction book and tools, patterns. Good condition, £275 ono. Tel: 081-848 9328 (Hayes, Middx).

BROTHER 965 ElectroKnit 850, ribber, excellent condition, £800; PPD £160; garter carriage, £125; colour changers, £100; transfer carriage, £35. Tel: 0352 770638 (Nr. Chester).

BROTHER 910 electronic, lace carriage, books, extra mylar sheets, plus linker, £200. Tel: 081-866 7250 (Harrow).

BROTHER 950i electronic, good condition, free lesson if required, £500. Tel: 0404 813643 (Ottery St Mary).

JAPANESE garter bar, £10; ribber techniques, £8.50; weaver Passap and machine technology books, £4 each. Tel: 0706 212903 (Rossendale).

TOYOTA 858 knitting machine, with ribber, lace carriage, punchcards, punch, wool-winder, table, instruction books. Hardly used, £375 ono. Tel: 0443 691217 (Merthyr).

KNITMASTER 500 electronic ribber, table, intarsia carriage, wool winder, good condition, £300 or near offer, YC6 used once, £130. Tel: 0954 200864 (Cottenham).

KNITMASTER 326, Knit Radar, manuals, tools, £110; Singer Chunky Big Nine with ribbing attachment, pattern selector, video, tools and manuals, vgc, £100. Tel: 0753 684199 (Slough).

HORN cabinet, £110 ono; Knitmaster SRP60 ribber, £175; RT1 transfer carriage, £30 ono. Must sell, need room. Tel: 0602 462907 (Nottingham).

FOR SALE

BROTHER knitting machine, KH981, table, Knitleader, carriages, lace, intarsia, punchcard, wools, used 3 times. Cost nearly £500, accept £280. Tel: 0773 745657 (Ripley, nr Derby).

TOYOTA 901 knitting machine ribber, tilt table, Knit Tracer, lace, intarsia, transfer, linker, carriages, pattern books, manuals, cards and second machine, £250 ono. Tel: 0952 501390 (Telford).

HAGUE linker, as new, electric, £140 ono. Tel: 061-485 2151 (Stockport).

TOYOTA KS901 knitting machine, ribber, lace carriage, Knitleader, manuals, pattern books, table, punch, punchcards. Hardly used, still in boxes, £180 ono. Tel: 0753 814143 (Slough).

BROTHER knitting machine, model KH830, as new, £65. Tel: 0773 712396 (Heanor, Derbyshire).

KNITMASTER LC2 lace carriage, new and unused condition, £125 ono. Tel: 0794 513398 (Romsey, Hants).

KNITMASTER Empiral Zippy Plus with ribbing machine, lace carriage, intarsia carriage, single/double bed changer, stand, instructions. hardly used, original boxing, £250. Tel: 0883 625104 (Warringham, Surrey).

SILVER REED 740, built-in Knitleader, punchcards, punch, books. Excellent condition, £250. Tel: 0444 230210 (Burgess Hill).

KNITMASTER Zippy Plus, SRP60N ribber, lace carriage, linker, intarsia, punch, table, books, patterns, cards, all boxed, used 2 months, £550 ono. Tel: 0889 577785 (Rugeley, Staffs).

SINGER knitting machine with ribber and lots of accessories and wool, £175 ono. Tel: 0400 72643 (Grantham, Lincs).

PASSAP 6000E, 4 colour changer, excellent condition, video, patterns, magazines, stand, £850. Tel: 061-678 0276 (Oldham).

SINGER Big Nine chunky with instruction video, as new, good for mohair and intarsia, £90. Tel: 0255 431833 (Clacton).

WANTED

KR850 ribber for Brother. Must be in good condition. Reasonable. Tel: 0326 572928 (Cornwall).

INSTRUCTION book or photo copy for Knitmaster ES302. Tel: 0545 580674 (Llanarth, Dyfed).

GARTER carriage KG88 (II) to fit Brother 910 (MKII) electronic. Must be perfect. Also Passap/Pfaff 6000 in perfect condition. Tel: 0703 641919 (Southampton).

BROTHER KG88 MKII garter carriage with rails. Tel: 0752 812839 (Plymouth).

GARTER bar and single bed colour changer for Brother. Tel: 0254 853521 (Preston).

MODERN Knitting magazines, April, May 1988, and all 1987, except Jan, Feb, Aug. Tel: 0702 200121 (Hockley).

CHUNKY machine, punchcard, reasonable price. Tel: 0460 77165 (Yeovil, Somerset).

FB100 disk drive for Brother 950i. Tel: 0352 712436 (Holywell, Clwyd).

SWAP

BROTHER 950i ribber 850, Knitleader, table, books, for Newhome Memory Craft, 8000 Pfaff Creative or Super Galaxie. Can collect. Tel: 0793 430470 (Swindon).

ABBREVIATIONS

alt = alternate(ly)
 beg = beginning
 ch = chain
 cm = centimetres
 cont = continue(ing)
 dc = double crochet
 dec = decrease(ing)
 foll = following
 g = grams
 HP = holding position
 in = inch(es)
 inc = increase(ing)
 K = knit
 mm = millimetres
 MT = main tension
 MT-1, MT-2, MT-3 = one, two, three
 full sizes tighter than main tension

MT+1, MT+2, MT+3 = one, two, three
 full sizes looser than main tension
 MY = main yarn
 N(s) = needle(s)
 NWP = non working position
 P = purl
 patt = pattern
 RC = row counter
 rem = remain(ing)
 rep = repeat
 ss = stitch size
 st(s) = stitch(es)
 st st = stocking stitch
 tog = together
 UWP = upper working position
 WP = working position
 WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the

original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1x1 rib or every third needle back to non-working position for a 2x1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in

pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont

YARN GUIDE

EXTRA
FINE

1

2

3

FINE

4

5

6

FINE-
MEDIUM

7

8

9

MEDIUM

10

11

12

MEDIUM-
THICK

13

14

15

THICK

16

17

18

EXTRA
THICK

19

20

21

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Silver EC1 Pattern Controller



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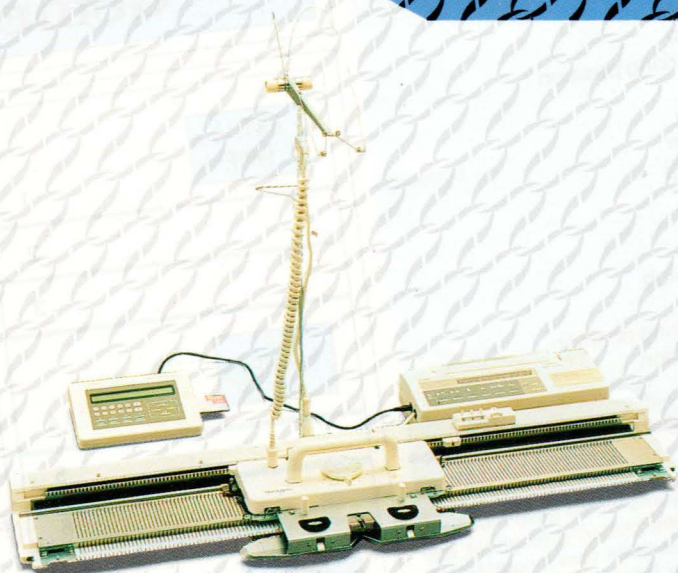
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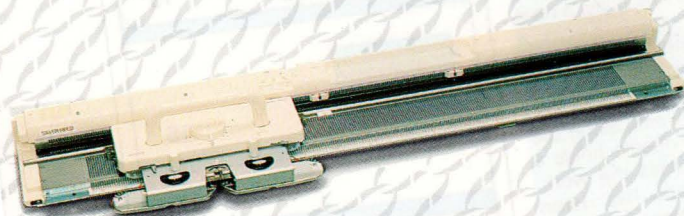
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

